

.22 Rim Fire Boxes
of the U.S.A.
ID. Reference



Western Cartridge Company
East Alton, Ill

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2014

CONTRIBUTORS

THANKS

Special thanks to the following collectors for helping me with this project by supplying me with box images and sharing their knowledge. Presented in alphabetical order.

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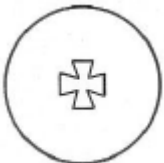



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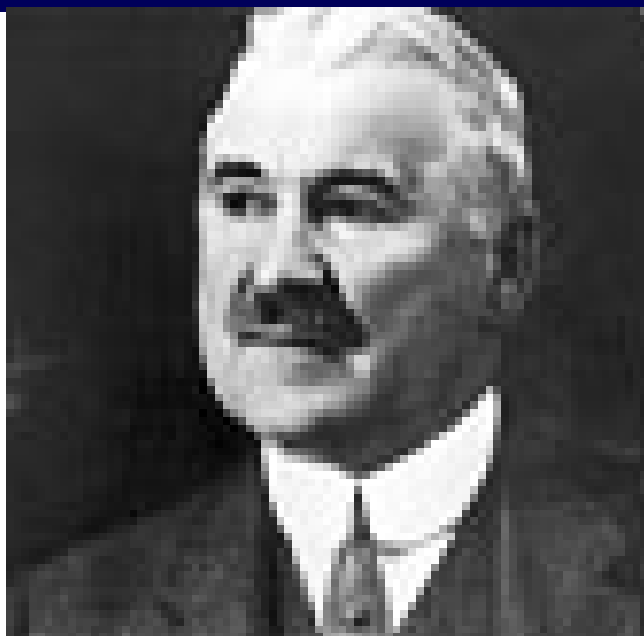
.22 Box NEWSLETTER

HEADSTAMPS (h/s)

Headstamp drawings courtesy of the RIMFIRE HEADSTAMP GUIDE by George Kass and Ron Merchant

2-1	7-1	N-1	SU-1	W-3
				

The Early History



Franklin W. Olin



The Western Plant in 1910

Franklin W. Olin, the founder of the Western Cartridge Company was born in 1860. His father was a timber cuter in a Vermont lumber camp. The younger Olin gained an engineering degree from Cornell University in 1886. After completion of his schooling, he worked in a patent attorney's office. Then he worked designing machines for the knitting industry_ One of his inventions was the process of adding more thread to the toe and heel of socks to reduce wear. He gained experience in the powder industry by designing and building several powder mills in the eastern states.

F. W. Olin saw that the industrial needs of the United States in the post-civil war period was for black powder for use west of the Appalachian mountains. Black powder, or as it was called blasting powder, was the premier explosive of that day. The major user being the growing mining industry in the southern Illinois area. Moving to East Alton, Illinois, Olin worked with several other investors to create the Equitable Powder Company in 1892. Production started in 1893. Growing blasting powder demand allowed the company to grow. Equitable established mills near Fort Smith, Arkansas and Herrin, Illinois. Their sporting gun powder was in demand because this was the Western most company producing any type of powder for the Western trade.

To capitalize on the demand for sporting gun powder and loaded ammunition, Olin formed the Western Cartridge company in 1898. At first, Western only sold powder and loaded shotgun shells. They purchased most of their components from other manufacturers. The ammunition was loaded in machine which had been designed by Franklin Olin. As Western's sales grew the larger Eastern ammunition manufacturers attempted to squeeze out the new company by denying them the components required to load ammunition.

To stay in business, Olin was forced to become a supplier of his own components. He designed his own shotshell manufacturing equipment. He even created his own shot tower. His training as an engineer was beginning to payoff, plus his background in the knitting industry helped him understand accurate machines. His service working for a patent attorney probably helped him gain patent protection for his ideas.

The Early History

For primers and blasting caps, he looked to a partnership . with someone with chemical expertise. About 1902, Franklin Olin co-operated with the Austin Cartridge Company of Cleveland, Ohio to launch a small plant on the grounds of the Western Cartridge Company to produce metallic cartridges and blasting caps. This was the first production of .22 rimfire ammunition by Western. This new venture was named the Union Cap & Chemical Company. In 1909, Western purchased the assets of the Austin Cartridge Company and the Union Cap and Chemical Company's .22 boxes started to show the Western name.

The Western Cartridge Company purchased the National Cartridge Company in 1909. For a short period of time, they retained the format of the National Cartridge Company, but added the Western name to the side of the boxes. This placed the Western Cartridge Company firmly in the business of selling .22 rimfires, both under their own name, but also being a supplier to Sears and Roebuck, one of the nation's largest retailers. Yet they did not have their own brand identification, as their .22 boxes still carried the format of the Union Cap & Chemical Company or the National Cartridge Company.

The Western Cartridge Company was also growing in its ability to produce different types of powder. They were producing not only black powder, but smokeless and a semi-smokeless powder, which they called "Nublend". The semi-smokeless powders were dropped about 1916 and replaced with the "Lesmok", which they purchased from DuPont.

In 1910, Western created a new format for their cartridge product line, including the .22 rimfires. This new format is referred to as the Diamond Logo issues in reference to the diamond shaped logo in the center of the label. About the same time, a new headstamp was introduced, a diamond. This headstamp is 2-1 in the Kass headstamp guide.

The Western Cartridge Company's .22 rimfire product line expanded at a rapid rate, along with their centerfire offerings. Hollow point bullets were added. Offerings of .22 Remington and Winchester automatics were produced. Different loadings of the .22 Winchester rimfire were part of the product line. Smokeless powder produced by Western and "Lesmok" powder from DuPont were used in the loadings. By 1913, Western was a full line .22 rimfire producer.

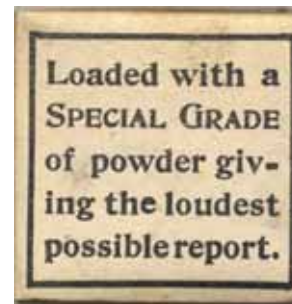
The diamond logo issues remained in the product line until they were replaced with the "Bullseye" issues first produced in 1927. New developments were coming rapidly, including a dry lubrication of the bullets, which Western named "Lubaloy" and a non-corrosive priming compound.

The Western Cartridge Company had overcome many handicaps and was rapidly becoming one of the major manufacturers of all types of ammunition in the United States. While any corporate success is the result of the combined efforts of many people, it was the guiding genius of Franklin W. Olin who provided the spark to ignite the process.

Franklin W. Olin died in 1951 at the age of 91. At that time, his company had grown to employ more than 60,000 people, worldwide. His products range from powders and ammunition, to firearms, to drawn brass products and many more products needed to supply a country that was growing as fast as the Western Cartridge Company, his flagship.

1908—MALTESE CROSS Issues

S-1



S-2



S-3



S-4



1908—MALTESE CROSS Issues

About 1902, Franklin Olin co-operated with the Auston Cartridge Company of Cleveland, Ohio to form the Union Cap & Chemical Company right on the grounds of the Western Cartridge Company. This partnership was needed to supply the chemical expertise for the production of primers and blasting caps. At that time, the major ammunition manufacturers were attempting to squeeze Western out of business by denying them components. A natural evolution of business resulting in the In the Cap & Chemical Company producing .22 rimfire ammunition.

In 1908, Franklin Olin purchased the assets of the Auston Powder Company. From that time on, the Union Cap & Chemical Company's .22 rimfire boxes retained the older Maltese Cross format, but the Western Cartridge Company's name was added to the top of the box. In 1910, Western replaced this format with their own, then new, Diamond logo format.

S-1 .22 SHORT (BLANK). Buff box with black printing. One-piece box without a tray. No product code. "7-1" h/s on a copper case. Various colored wads noted in each box. This box was probably produced even after the Diamond logo period started.

S-2 .22 SHORT (HIGH VELOCITY). Red, green and black label with white and black printing. Buff, two-piece full cover box. Full wrap-around end label. No product code. "7-1" h/s on a copper case. Lead bullets.



S-3 .22 SHORT (HIGH VELOCITY). Red, green and black label with white and black printing. Buff, two-piece full cover box. Full wrap-around end label. No product code. "7-1" h/s on a copper case. Lead bullets.



S-4 .22 SHORT (HIGH VELOCITY). "SMOKELESS". Same as S-3, except the label is now green, red and yellow and the ends read "SMOKELESS".



1908—MALTESE CROSS Issues

L-1



L-2



LR-1



LR-2



SIMULATED

1908—MALTESE CROSS Issues

- L-1 .22 LONG. (HIGH VELOCITY). "SMOKELESS". One-piece box with red, green and yellow label with black printing.. Contents unknown



- L-2 .22 LONG. (HIGH VELOCITY). Red, green and black label with white and black printing. Two-piece full cover box. Full wrap-around end label. No product code. "7-1" h/s on a copper case. Lead bullets



- LR-1 .22 LONG RIFLE (HIGH VELOCITY). "SMOKELESS". Green, red and black box with black printing. Two-piece full cover box. "7-1" h/s on a copper case. Lead bullets.

- LR-2 .22 LONG RIFLE (HIGH VELOCITY). "SMOKELESS". Green, red, and yellow box with black printing. One-piece box with end flaps. "7-1" h/s on a copper case. lead bullets.



1910—First DIAMOND LOGO Issues

BB-2.2



S-8



S-8A



S-8B



S-9



1910—First DIAMOND LOGO Issues

These were the first issues with Western's logo on them. . They are called the "Diamond Logo" issues due to the diamond on the top label. This product line was the combination of the older National Cartridge Company and the Union Cap & Chemical Company .22 rimfires. Produced from 1910 to about 1927. During this period, many variations in powders, bullet finished and box construction are noted. Also, during this period, Western produced many private label issues for Sears and Roebuck.

The **First** DIAMOND LOGO series has "**The** Western Cartridge Co." on the address line.



BB-2.2 **.22 B.B. CAPS.** "SMOKELESS". Buff box with black and red printing. BULLET BREECH and SMOKELESS in arc on top. Bulk packed box of 100 cartridges. One-piece box with top flaps. No product code. .

S-8 **.22 SHORT.** "SMOKELESS NO-GREASE". This is a change in the label format from the above boxes. Green and white label with red and black printing. Buff, two-piece, full cover box. Full wrap-around end label. No product code. "2-1" h/s on a copper case. Lead bullets. End reads NO-GREASE. Label end has a Maltese cross on it.



S-8A **.22 SHORT.** "SMOKELESS, NO-GREASE". Same as S-8 but ends read NO-GREASE.. **Note:** Maltese cross on the end.



S-8B **.22 SHORT.** "SMOKELESS, LUBRICATED". Same as S-8A, except for change in bullet lubricant callout on the ends of the label. **Note:** Maltese cross on the end.



S-9 **.22 SHORT.** "SMOKELESS LUBRICATED". Same as S-8, except for the change in bullet lubricant callout on the end, now stating LUBRICATED.



1910—First DIAMOND LOGO Issues

L-1



L-2



L-7



L-10.1



1910—First DIAMOND LOGO Issues

L-1 **.22 LONG.** "NO GREASE, This is a black powder loading. Green and black label with white, red and black printing Buff, two-piece, full cover box. Full wrap-around end label. No product code. "2-1" h/s on a copper case. Lead bullets. No bullet lubricant callout on the box ends.



L-2 **.22 LONG.** "LUBRICATED". Same as L-1 except both ends of the box states LUBRICATED.



L-7 **.22 LONG.** "NUBLEND". Green and black label with black and white printing. One-piece box with top hinged end flaps. No product code. Contents of box are unknown at this time. This box is a carryover from the Union Cap & Chemical Company production and is one of the only specimens known.



L-10.1 **.22 LONG.** "SMOKELESS NO-GREASE". Green and yellow label with red, white and black printing. Buff two-piece, full cover box. No product code. "2-1" h/s on a copper case. Lead bullets. "Trade Mark" under diamond on top.



L-15 **.22 LONG.** "LUBRICATED". Green and black label with black and white printing. Buff two-piece, full cover box. "2-1" h/s on a copper case. Lead bullets. "Trade Mark" under diamond on top.



L-15



1910—First DIAMOND LOGO Issues

LR-1A.1



LR-3A



LR-7



LR-9



LR-9.5



1910—First DIAMOND LOGO Issues

LR-1A.1 **.22 LONG RIFLE.** Green and black label with red, white and black printing. Buff two-piece, full cover box. Full wrap-around end label. No product code. "2-1" h/s on a copper case. Lead bullets. Ends read LUBRICATED



LR-3A **.22 LONG RIFLE.** "SMOKELESS, NO-GREASE". Green and yellow label with white, red and black printing. Buff two-piece, full cover box. Full wrap-around end label. No product code. "2-1" h/s on a copper case. Lead bullets. End states NO-GREASE.



LR-7 **.22 LONG RIFLE.** "NUBLEND". Green and black label with black and white printing. One-piece box with top hinged end flaps. No product code. Contents unknown



LR-9 **.22 LONG RIFLE.** "SMOKELESS, LUBRICATED". Green and yellow label with red and black printing. One-piece top-hinged end flap box. No product code. "2-1" h/s on copper case. Lead bullets.



LR-9.5 **.22 LONG RIFLE.** "SMOKELESS, NO-GREASE". Green and yellow label with red and black printing. One-piece top-hinged end flap box. No product code. "2-1" h/s on copper case. Lead bullets.



1910—First DIAMOND LOGO Issues

WA-1



WRF-6



1910—First DIAMOND LOGO Issues

WA-1 .22 WINCHESTER AUTO. "SMOKELESS". Light green and cream label with red, white and black printing. Buff two-piece, half-split box. Green and cream colored side sealing label with black printing. No product code. "2-1" h/s on a copper case. Lead bullets.



WRF-6 .22 WINCHESTER RIM FIRE. Probably black powder. Green label with red, white and black print. Buff two-piece, full cover box. Red side sealing label with black printing. No product code.



1912—Second DIAMOND LOGO Issues

"A" Bottom



"A1" Bottom



"B" Bottom



"C" Bottom



"D" Bottom



"E" Bottom



"F" Bottom



"F.1" Bottom



Western Cartridge Co.

1912—Second DIAMOND LOGO Issues

"G" Bottom



"G.1" Bottom



"H" Bottom



"I" Bottom



"J" Bottom



"K" Bottom



"L" Bottom



"M" Bottom



1912—Second DIAMOND LOGO Issues

BB-1



BB-1.1



BB-2



BB-2.1



1912—Second DIAMOND LOGO Issues

The **Second** DIAMOND LOGO series has no “**The**” in front of Western Cartridge Co.” on the address line. Produced from 1912 to about 1927.



BB-1 **.22 B.B. CAPS.** "SMOKELESS". Buff box with black and red printing. Bulk packed box of 100 cartridges. One-piece box with top flaps. No product code. "2-1" h/s on a copper case. Pointed lead bullets.

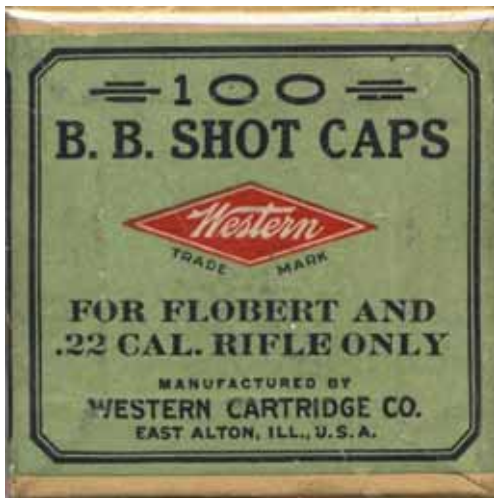
BB-1.1 **.22 B.B. CAPS.** "SMOKELESS". Same as BB-1 except different format to the front.

BB-2 **.22 B.B. CAPS.** "SMOKELESS". Buff box with black and red printing. BULLET BREECH and SMOKELESS in arc on top. Bulk packed box of 100 cartridges. One-piece box with top flaps. No product code. .

BB-2.1 **.22 B.B. CAPS.** "SMOKELESS". Same as BB-2 except different format to the front.. No trade mark under diamond logo. Contents unknown.

1912—Second DIAMOND LOGO Issues

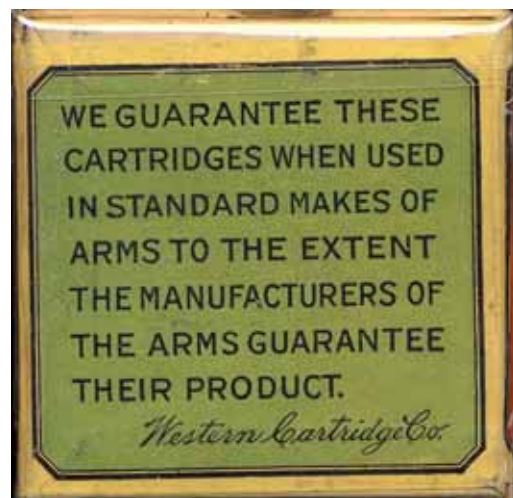
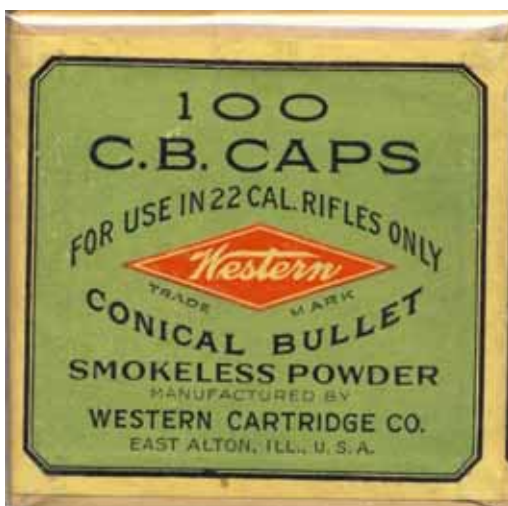
BB-3



CB-1



CB-2



1912—Second DIAMOND LOGO Issues

- BB-3 .22 B.B. CAPS (SHOT). Green and red label with black printing. Buff, two-piece full cover box. Full wrap-around end label. "2-1" h/s on a copper case. Buff wads.
- CB-1 .22 C.B. CAPS. "LESMOK POWDER". Green and red label with black and white printing. Buff, two-piece full cover box. Full wrap-around end label. "2-1" h/s on a copper case. lead bullets with lk,1S.
- CB-2 .22 C.B. CAPS. "SMOKELESS POWDER, NO GREASE". Yellow, green and red label with black and white printing. Buff, two-piece full cover box. Full wrap-around end label. No product code. "2-1" h/s on a copper case. Lead bullets.

1912—Second DIAMOND LOGO Issues

S-1



S-1.1



S-1.2



S-1.3



1912—Second DIAMOND LOGO Issues

S-1 .22 SHORT (BLANK). Buff box with red and black printing. One-piece box with top flaps. No product code. "2-1" h/s on a copper case.



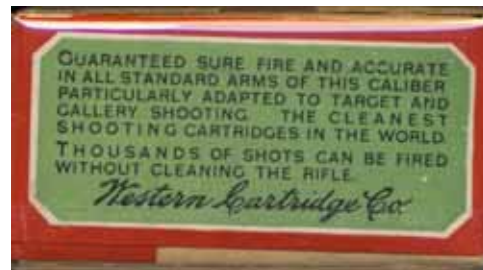
S-1.1 .22 SHORT (BLANK). Same as S-1 except slightly different top. No TRADE MARK under logo on top.

S-1.2 .22 SHORT (BLANK). Buff box with red and black printing. One-piece box with top flaps. No product code.

S-1.3 .22 SHORT (BLANK). Buff box with red and black printing. One-piece box with top flaps. No product code. Larger diamond logo on top.

1912—Second DIAMOND LOGO Issues

S-2



S-3



S-4



S-5



1912—Second DIAMOND LOGO Issues

S-2 **.22 SHORT.** "LESMOK POWDER". Green and red label with black and white printing. Buff, two-piece full cover box. Full wrap-around end label. "2-1" h/s on a copper case. Lead bullets.

- (a) WT-20 on end
- (b) WT-24 on end
- (c) WT-25 on end



S-3 **.22 SHORT (HOLLOW POINT).** "LESMOK POWDER". Black and white label with white, red and black printing. Buff, two-piece, full cover box. "2-1" h/s on a copper case. Lead bullets.

S-4 **.22 SHORT.** "SMOKELESS, NO-GREASE". Green and yellow label with red, white and black printing. Buff, two-piece, full cover box. Full wrap-around end label. No product code. "2-1" h/s on a copper case. Lead bullets. Ends read NO-GREASE.

- (a) WT-22 on end
- (b) WT-25 on end



S-5 **.22 SHORT.** "SMOKELESS, LUBRICATED". Same as S-4, except for change in bullet lubricant callout on the ends of the label. **Note:** Maltese cross on the end.



1912—Second DIAMOND LOGO Issues

S-5.1



S-6 Side



S-6 .5 Side



S-7



1912—Second DIAMOND LOGO Issues

S-5.1 .22 SHORT. "SMOKELESS, LUBRICATED". Same as S-5 except for change in bullet lubricant callout on the ends of the label. No Maltese cross on the end.



S-6 .22 SHORT. "NON-CORROSIVE". Same as S-5, except the side of the box is rubber stamped with NON-CORROSIVE. This is a transitional or development box issued prior to the 1927 Bullseye non-corrosive issues.

S-6.5 .22 SHORT. "PLATED". Same as S-6 but stamped side says PLATED in faint red letters

S-7 .22 SHORT (HOLLOW POINT). "SMOKELESS POWDER". Yellow and green label with red and black printing. Buff, two-piece, full cover box. Full wrap-around end label. No product. code. "2-1" h/s on a copper case. Lead bullets.



1912—Second DIAMOND LOGO Issues

S-8.1



S-8.2



S-8.3



1912—Second DIAMOND LOGO Issues

S-8.1 **.22 SHORT.** "SMOKELESS NO-GREASE". Top variation of S-8. Note: No "THE" before WESTERN CARTRIDGE COMPANY. "MFG. BY". Green and white label with red and black printing. Buff, two-piece, full cover box. Full wrap-around end label. No product code. "2-1" h/s on a copper case. Lead bullets.



S-8.2 **.22 SHORT.** "SMOKELESS NO-GREASE". Top variation of S-8.1. "MFGD. BY"

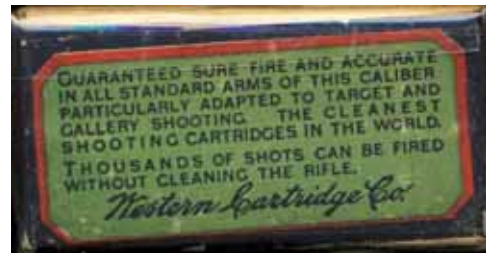


S-8.3 **.22 SHORT.** "SMOKELESS NO-GREASE". Top variation of S-8.1. "MANUFACTURED BY"



1912—Second DIAMOND LOGO Issues

S-10



S-11



1912—Second DIAMOND LOGO Issues

S-10 **.22 SHORT.** "LESMOK POWDER". Black and green label with red, black and white printing.. Buff, two-piece, full cover box. Full wrap-around end label. No product code.. Contents unknown. Box end has "RIM FIRE CARTRIDGE" and "LESMOK POWDER".



S-11 **.22 SHORT.** "LESMOK POWDER". Same as S-10 except ends do not have the "RIM FIRE CARTRIDGE" printed on them.



1912—Second DIAMOND LOGO Issues

L-2.1



L-2.2



1912—Second DIAMOND LOGO Issues

L-2.1 **22 LONG.** "LUBRICATED". This is a black powder loading. Green and black label with white, red and black printing Buff, two-piece, full cover box. Full wrap-around end label. No product code. "2-1" h/s on a copper case. Lead bullets.



L-2.2 **22 LONG.** "LUBRICATED". Same as L-2.1 except slightly different top format..



Western Cartridge Co.

1912—Second DIAMOND LOGO Issues

L-4



L-4.1



L-4.2



1912—Second DIAMOND LOGO Issues

- L-4 .22 LONG. ·"LESMOK". Green and red label with white and black printing. Buff, two-piece, full cover box. Full wrap-around end label. No product code. "2-1" h/s on a copper case. Lead bullets. No bullet finish callout on the box ends.
(a) "AI" bottom.
(b) "I" bottom



- L-4.1 .22 LONG. ·"LESMOK". Same as L-4 but TRADE MARK on top is printed in red..



- L-4.2 .22 LONG. ·"LESMOK". Same as L-4 but "WT-23" product code on end.



1912—Second DIAMOND LOGO Issues

L-4A



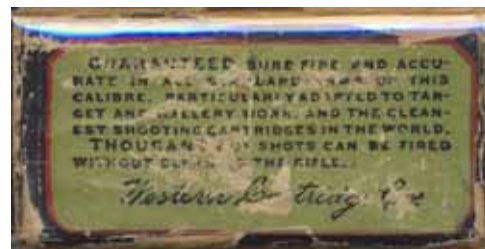
"H" bottom



L-4B (a)



L-4B (b)



1912—Second DIAMOND LOGO Issues

L-4A .22 LONG. "LESMOK" Green and black label with white, red and black printing_ Buff, two-piece, full cover box. Full wrap-around end label. No product code. "2-1" h/s on a copper case. Lead bullets. No bullet lubricant callout on the box ends. Variations noted:

- (a) "A1" bottom.
- (b) "H" bottom

L-4B .22 LONG. "LESMOK". Same as L-4A but ends call out LUBRICATED..

Variations

- (a) "E" bottom.
- (b) "J" bottom



1912—Second DIAMOND LOGO Issues

L-5



L-6



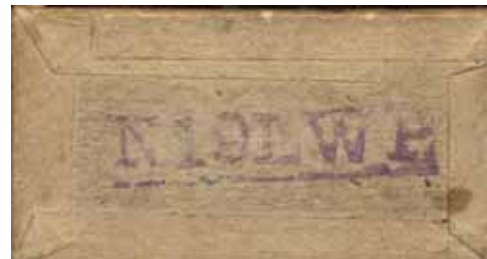
L-6.1



L-6.2



L-6.3



1912—Second DIAMOND LOGO Issues

- L-5 .22 LONG (HOLLOW POINT). "LESMOK". Black and white label with red, black and white printing. Buff, two-piece full cover box. Full wrap-around end label. "2-1" h/s on a copper case. Lead bullets.
- L-6 .22 LONG (SHOT). "LESMOK". Green label with white, red and black printing. Buff, two-piece, half-split box. Red side sealing label with black printing. No product code. "2-1" h/s on a copper case. Blue wads.
- L-6.1 .22 LONG (SHOT). "LESMOK". Same as L-6 with printer code WT-20 on top at bottom left corner..
- L-6.2 .22 LONG (SHOT). "LESMOK". .Same as L-6 with printer code WT-23 on top at bottom left corner..
- L-6.3 .22 LONG (SHOT). "LESMOK". .Same as L-6 but manufactured is shown as "MF'D".



1912—Second DIAMOND LOGO Issues

L-8



L-9



L-9N



L-9N.5



L-9.5



1912—Second DIAMOND LOGO Issues

L-8 .22 LONG. "SMOKELESS NO-GREASE". Green and yellow label with white, red and black printing. Buff, two-piece, full cover box. Full wrap-around end label. No product code. "2-1" h/s on a copper case. Lead bullets. Box end states NO-GREASE..WT-23 on right end



L-9 .22 LONG. "SMOKELESS LUBRICATED". Same as L-8, except the end now states LUBRICATED. WT-25 on right end.



L-9N .22 LONG. "SMOKELESS LUBRICATED". Same as L-9, except the box side is marked NON-CORROSIVE V3C 76. WT-27 on right end



L-9N.5 .22 LONG. "SMOKELESS LUBRICATED". Same as L-9N except no code number on end. The box side is marked NON-CORROSIVE V3C (plus obliterated number)



L-9.5 .22 LONG. "SMOKELESS NO-GREASE". Same as L-8 except for top variation..



L-9.7 .22 LONG. "SMOKELESS LUBRICATED". Same as L-9.5 except end states LUBRICATED. Code 53 on bottom



L-9.7



1912—Second DIAMOND LOGO Issues

L-10



L-11



L-12



L-13



L-14



1912—Second DIAMOND LOGO Issues

- L-10 **.22 LONG.** "SMOKELESS NO-GREASE". This is a different format to the label than L-8. Green and yellow label with red, white and black printing. Buff two-piece, full cover box. No product code. "2-1" h/s on a copper case. Lead bullets. End states NO-GREASE.



- L-11 **.22 LONG.** "SMOKELESS LUBRICATED". Same as L-10 except the end now states LUBRICATED.

- L-12 **.22 LONG (HOLLOW POINT).** "SMOKELESS". Green and yellow label with red and black printing. Buff two-piece, full cover box. Full wrap-around end label. No product code. "2-1" h/s on a copper case. Lead bullets.

- L-13 **.22 LONG (SHOT).** "SMOKELESS". Green and yellow label with red and black printing. Buff two-piece, half-split box. No product code. Yellow side sealing label with black printing. "2-1" h/s on a copper case. SMOKELESS printed on the ends of the box. "



- L-14 **.22 LONG (SHOT).** "LESMOK". Green and yellow label with red and black printing. Buff two-piece, half-split box. No product code. Red side sealing label with black printing.



1912—Second DIAMOND LOGO Issues

LR-1



LR-1A



LR-2



1912—Second DIAMOND LOGO Issues

LR-1 **.22 LONG RIFLE.** Green and black label with red, white and black printing. Buff two-piece, full cover box. Full wrap-around end label. No product code. "2-1" h/s on a copper case. Lead bullets. No bullet finish callout on the ends. This is a black powder loading.



LR-1A **.22 LONG RIFLE.** Same as LR-1 except both ends read LUBRICATED. No Trade mark under logo



LR-2 **.22 LONG RIFLE (HOLLOW POINT).** "LESMOK POWDER". Grey and red label with white and black printing. Buff two-piece, full cover box. Full wrap-around end label. No product code. "2-1" h/s on a copper case. Lead bullets.



1912—Second DIAMOND LOGO Issues

LR-3



LR-3.1



LR-3.2



1912—Second DIAMOND LOGO Issues

LR-3 **.22 LONG RIFLE.** "SMOKELESS, NO-GREASE". Green and yellow label with white, red and black printing. Buff two-piece, full cover box. Full wrap-around end label. No product code. "2-1" h/s on a copper case. Lead bullets. End states NO-GREASE.



LR-3.1 **.22 LONG RIFLE.** "SMOKELESS, NO-GREASE". Same as LR-3 except "COMPANY" instead of "CO." after Western Cartridge.



LR-3.2 **.22 LONG RIFLE.** "SMOKELESS, NO-GREASE". Same as LR-3.1 except "Western Cartridge Company" slightly shorter on top



1912—Second DIAMOND LOGO Issues

LR-4 (b)



LR-5



LR-6



LR-8



1912—Second DIAMOND LOGO Issues

LR-4 **.22 LONG RIFLE.** "SMOKELESS, LUBRICATED". Same as LR-3, except one end of box states LUBRICATED. Slightly different format to the top.

(a) LUBRICATED on only one end..

(b) LUBRICATED on both ends.



LR-5 **.22 LONG RIFLE (HOLLOW POINT).** "SMOKELESS". Yellow and green label with red and black printing. Buff, two-piece full cover box. Full wrap-around end label. No product code. "2-1" h/s on a copper case. Lead bullet.



LR-6 **.22 LONG RIFLE.** "SMOKELESS, NO-GREASE". Yellow and green label with red and black printing. Buff, two-piece full cover box. Full wrap-around end label. No product code. Contents unknown.



LR-8 **.22 LONG RIFLE.** "LESMOK". Green and black label with black and white printing. Two-piece, full cover box. No product code. "2-1" h/s on a copper case. Lead bullet.



1912—Second DIAMOND LOGO Issues

WA-1.1



WA-2 (a)



WA-2 (b)



WA-3



1912—Second DIAMOND LOGO Issues

Note: From here on, all WCC-3 boxes are of the two-piece half-split type with a side sealing label.

WA-1.1 **.22 WINCHESTER AUTO.** "SMOKELESS". Same as WA-1 except there is no "THE" before WESTERN CARTRIDGE CO.



WA-2 **.22 WINCHESTER AUTO.** "SMOKELESS, NO-GREASE". Dark green and yellow label with black, white and red printing. Buff two-piece, half-split box. Green, red and yellow side sealing label with black printing. "2-1" h/s on a copper case. Lead bullets. Ends state NO-GREASE.

(a) Product code WT-20 at bottom edge of top label. No "Rimfire Cartridges" on ends.

(b) Product code WT-25 at bottom edge of top label. Box end includes "Rimfire Cartridges"



WA-3 **.22 WINCHESTER AUTO. (HOLLOW POINT).** "SMOKELESS POWDER". Cream colored and bright green label with red, white and black printing. Buff two-piece, half-split box. Green and cream colored side sealing label with red and black printing. "2-1" h/s on a copper case. Lead bullets.

1912—Second DIAMOND LOGO Issues

RA-1 (a)



RA-1 (b)



RA-2 (a)



1912—Second DIAMOND LOGO Issues

RA-1 **.22 REMINGTON AUTO. "SMOKELESS POWDER".** Dark green and cream colored label with red, white and black printing. Buff two-piece, half-split box. Cream and dark green side sealing label with red and black printing. No product code. "2-1" h/s on a copper case. Lead bullets

- (a) Product code WT-21
- (b) Product code WT-23



RA-2 **.22 REMINGTON AUTO. (HOLLOW POINT). "SMOKELESS POWDER".** Same as RA-1 except for the hollow point wording on the top and ends. Variations noted:

- (a) Product code WT-21 on the top label.
- (b) No product code on the top label.



1912—Second DIAMOND LOGO Issues

XL-1 (a)



XL-1 (b)



XL-1 (c)



1912—Second DIAMOND LOGO Issues

- XL-1 **.22 EXTRA LONG.** "LESMOK POWDER". Green label with black, red and white printing. Buff two-piece, half-split box. Red side sealing label with black printing. No product code. "2-1" h/s on a copper case. Variations noted.
- (a) Product code WT-25 on the top label.
 - (b) No product code on the top label.
 - (c) Product code WT-27 on the top label.



1912—Second DIAMOND LOGO Issues

WRF-1 (a)



WRF-1.1



WRF-2



WRF-2.1



1912—Second DIAMOND LOGO Issues

WRF-1 .22 WINCHESTER RIM FIRE. "LESMOK .POWDER". Green label with white, red and black printing. Buff two-piece, half-split box. Red side sealing label with black printing. No product code. "2-1" h/s on a copper case. Lead bullets. Variations noted:

- (a) No TRADE MARK under the Diamond Logo on the top.
- (b) The word TRADE MARK added to top label under the logo.

WRF-1.1 .22 WINCHESTER RIM FIRE. "LESMOK. POWDER". Same as WRF-1 but slightly different top label format. Product code 11.



WRF-2 .22 WINCHESTER RIM FIRE. "LESMOK POWDER". Same as WRF-1 (b), except a different format to the label. Product code WT-20 on the top label.



WRF-2.1 .22 WINCHESTER RIM FIRE. "LESMOK POWDER". Same as WRF-2 except top label is yellow.



1912—Second DIAMOND LOGO Issues

WRF-2.2



WRF-3



WRF-4 (a)



WRF-4(b)



WRF-4(c)



1912—Second DIAMOND LOGO Issues

WRF-2.2 .22 WINCHESTER RIM FIRE. "LESMOK POWDER". Same as WRF-2 except a different format to the label. No product code.



WRF-3 .22 WINCHESTER RIM FIRE (HOLLOW POINT). "LESMOK POWDER". Grey and red label with white, red and black printing. Buff two-piece, half-split box. White side sealing label with red and black printing. No product code. "2-1" h/s on a copper case. Lead bullets.

WRF-4 .22 WINCHESTER RIM FIRE. "SMOKELESS POWDER, NO GREASE". Dark green and yellow label with red, white and black printing. Buff two-piece, half-split box. Yellow side sealing label with black printing. "2-1" h/s on a copper case. Lead bullets.

- (a) No product code
- (b) Product code WT-20
- (c) Product code WT-25



1912—Second DIAMOND LOGO Issues

WRF-4.1



WRF-5



WRF-6.1



1912—Second DIAMOND LOGO Issues

WRF-4.1 **.22 WINCHESTER RIM FIRE.** "SMOKELESS POWDER, NO GREASE". Same as WRF-4 except for slightly different top format. No product code.



WRF-5 **.22 WINCHESTER RIM FIRE (HOLLOW POINT).** "SMOKELESS POWDER". Dark green and yellow label with red, white and black print. Buff two-piece, full cover box. Green side sealing label with black printing. No product code. "2-1" h/s on a copper case. Lead bullets.

WRF-6.1 **.22 WINCHESTER RIM FIRE.** Probably black powder. Green label with red, white and black print. Buff two-piece, full cover box. Red side sealing label with black printing. No product code.



1927- "BULLSEYE" Non-Corrosive Issues

In 1927, the Western Cartridge Company introduced their non-corrosive priming system. This was probably the most important development in the history of the .22 cartridge. It aids in preventing the rusting of the bore due to the salts in the older priming systems attracting moisture. Most older rifles have bore. that are ruined due to using corrosive cartridges. with this new loading, a gun did not have to be cleaned after firing.

Western did not develop the non-corrosive primer. It was developed in Europe in the early 1920s and was first introduced in the U.S. market by the Remington Arms Co. in 1926. It was to the credit of Western that they were able to introduce non-corrosive priming just one year later. They were a much smaller company than Remington with the DuPont money behind them. Perhaps this explains why Western was able to grow into the Olin Corporation today, they were very good at what they did.

A new packaging style was introduced with the non-corrosive priming system, which today we know as the "Bullseye" boxes. This section of the catalog will be divided into 5 parts in order to catalog the various changes of the product during the product life of this package.

Also in 1927, Western introduced the "Lubaloy" bullet finish. This was a washing or plating of the lead bullet with copper. The thinking behind this was to create a dry bullet finish. This was not a totally satisfactory development. It was found that this dry bullet finish created bore wear. A wax finish was offered at a later date to overcome this problem.

Western was the first to introduce dry bullet finishes. It was followed by the KopperKlads of Winchester in 1929 and the Gildkotes of Peters in 1929. Remington also introduced a dry bullet finish in 1930, but never pushed it very hard due to their worry about bore wear. Western and Winchester was the only manufacturers to retain the plated bullet for any length of time with modification.

1927 advertisement
for the non-
corrosive primers

Western Non-Corrosive .22's

Upper View—Barrel always clean when Western Smokeless Non-Corrosive .22's are used.

Lower View—Fitted and corroded barrel caused by ordinary cartridges.





Greater Accuracy and Longer Life for Your Rifle

Here's an improved .22 cartridge which does away with bothersome cleaning of the barrel each time the rifle is used, and at the same time adds to the rifle's life and accuracy.

The priming mixtures previously used in Rim-Fire cartridges, when burned, deposited in the bore a soluble salt which, combined with the moisture in the air, caused rust, pitting and corrosion and eventually destroyed the accuracy of the barrel.

Western has developed a new priming mixture which prevents this rusting, corrosion and pitting; in fact, it appears to spread a protective coating over the interior of the barrel, keeping it bright and clean. It is no longer necessary to clean the bore each time the rifle is shot if Western Smokeless Non-Corrosive

.22's are used. Erosion is reduced and extensive tests indicate that the barrel life is greatly increased by shooting the Western Non-Corrosive cartridge instead of ordinary .22's.

If cartridges with ordinary priming have been fired in your rifle or pistol, scrub the bore thoroughly with hot water to remove all trace of rust-producing deposits. Then use Western Smokeless, Non-Corrosive .22's exclusively and forget all your rifle-cleaning troubles. The bore will remain bright and free from rust, pitting or corrosion for many thousands of rounds after the usefulness of the rifle would have been destroyed if ordinary ammunition had been used.

Write for descriptive literature.

1927- "BULLSEYE" Non-Corrosive Issues

End Flap Warning Styles

#1



#2



#3



#4



#5



#6



#7



#8



#9



#10

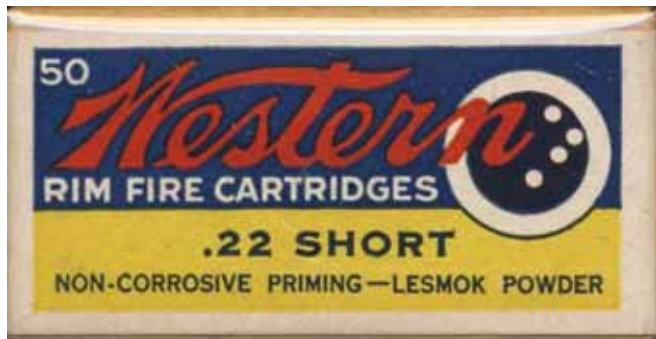


#11



1927- "BULLSEYE" Non-Corrosive Issues

S-1



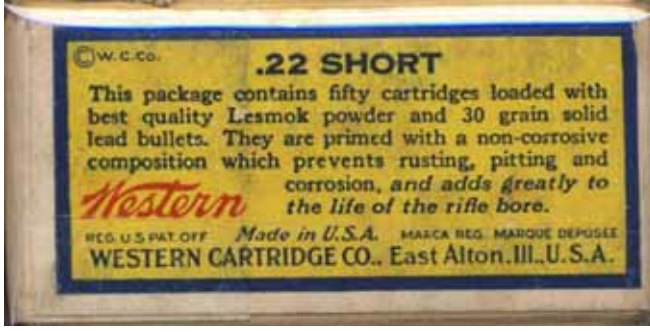
S-1 bottom



S-1.1



S-1.1 Bottom



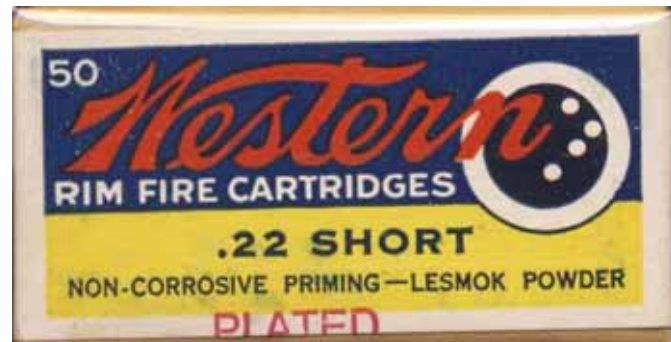
S-2



S-2 Bottom



S-3



S-3 Bottom



1927- "BULLSEYE" Non-Corrosive Issues

In 1927, Western introduced their non-corrosive priming system. They also introduced a new format to their boxes to promote this new product. At first the two-piece full cover style of box. of the prior issues was used, but this was replaced later on with the one-piece box with end flaps which will constitute a later issue in this catalog. See WCC-24 for the "Bullseye" Marksman issues.

End Example



Side Example



- S-1 .22 SHORT. "LESMOK POWDER" Blue and yellow label with red, white and black printing. Buff two-piece, full cover box. Wrap-around end label. "A" style bottom.
- S-1.1 .22 SHORT. "LESMOK POWDER" . Like S-1 except different format to bottom.
- S-2 .22 SHORT. "SMOKELESS POWDER". Blue and yellow label with red, white and black printing. Buff two-piece, full cover box. Full wrap-around end label. "2-1" h/s on a copper case. Copper case with 2K,1S. "A" style bottom.
- S-3 .22 SHORT. "LESMOK POWDER" . Like S-1 except "PLATED" has been stamped at bottom in red ink.
- S-4 .22 SHORT (HOLLOW POINT). "SMOKELESS POWDER". Blue and yellow label with red, white and black printing. Buff two-piece, full cover box. Full wrap-around end label. " Contents unknown.

S-4



S-4 Bottom



1927- "BULLSEYE" Non-Corrosive Issues

L-1



L-1 Bottom



L-1.5



L-1.5 Bottom



L-2



L-2 Bottom



1927- "BULLSEYE" Non-Corrosive Issues

- L-1 .22 LONG. "SMOKELESS POWDER". Blue and yellow label with red, white and blue printing. Buff two-piece, full cover box. Full, wrap-around end label. No product code. "2-1" h/s on a copper case. Lead bullets with IK,IS. "A" style bottom.
- L-1.5 .22 LONG. "LESMOK POWDER". Blue and yellow label with red, white and blue printing. Buff two-piece, full cover box. Full, wrap-around end label. No product code. "2-1" h/s on a copper case. Lead bullets with IK,IS. "A" style bottom.
- L-2 .22 LONG (SHOT). "LESMOK POWDER". Blue and yellow label with red, white and black printing. Buff two-piece, full cover box. Full wrap-around end label. No product code. "2-1" h/s on a copper case. Rose crimped. "A" style bottom.



Side Example



1927- "BULLSEYE" Non-Corrosive Issues

LR-1



LR-2



LR-2 Bottom



LR-3



LR-3 Bottom



1927- "BULLSEYE" Non-Corrosive Issues

- LR-1 .22 LONG RIFLE (HOLLOW POINT). "SMOKELESS POWDER". Blue and yellow label with red, white and black printing. Buff two-piece, full cover box. Full wrap-around end label. Contents unknown.
- LR-2 .22 LONG RIFLE. "SMOKELESS POWDER". Blue and yellow label with red, white and black printing. Buff two-piece, full cover box. Full wrap-around end label. "2-1" h/s on a copper Case. Lead bullet with 3K,1S. "A" style bottom.
- LR-3 .22 LONG RIFLE (HOLLOW POINT). "LESMOK POWDER". Blue and yellow label with red, white and black printing. Buff two-piece, full cover box. Full wrap-around end label. No product code.

1927- "BULLSEYE" Non-Corrosive "LUBALOY" Issues

"B" Style Bottom Example



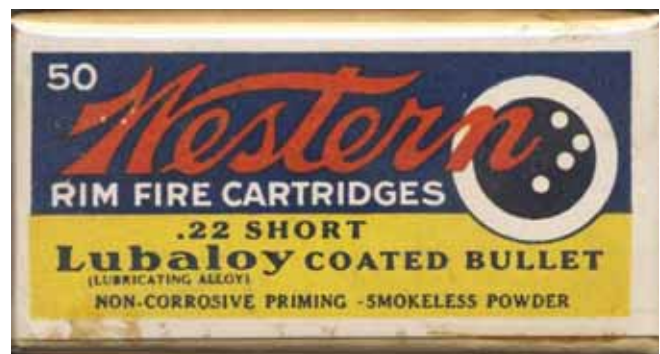
End Examples



S-1 (a)



S-1 (b)



S-2



S-3



S-4



S-5



1927- "BULLSEYE" Non-Corrosive "LUBALOY" Issues

In 1927, Western introduced a new bullet finish. This was a plating, or washing, of lead. They used no other type of lubrication. They called it a dry bullet finish. Most of the other manufacturers of .22 rimfires also introduced dry bullet finishes about this time, but rapidly dropped them due to reports of excess bore wear. Western retained the dry finish until the end of western branded cartridges in the early 1980s. They were forced to add a wax finish to them to resolve the bore wear problem.

The first of the non-corrosive LUBALOY loadings were placed in two-piece full cover boxes. These can be called the first issues and are the subject of this catalog listing. Later on they were replaced with one-piece boxes which will be the subject of a later listing.

- S-1 **.22 SHORT.** "SMOKELESS POWDER". Blue, yellow and white label with red, white and black printing. Buff two-piece, full cover box. Full wrap-around end label. "B" bottom style. "2-1" h/s on a copper case. Copper washed lead bullet with 2K,IS. Variations noted:
 (a) LUBALOY printed in red ink.
 (b) LUBALOY printed in black ink.
- S-2 **.22 SHORT.** "LESMOK POWDER". Same as S-1 except LESMOK powder.
- S-3 **.22 SHORT (PLATED).** "LESMOK POWDER". Blue, yellow and white label with red, white and black printing. Buff two-piece, full cover box. Full wrap-around end label. Contents unknown
- S-4 **.22 SHORT (PLATED).** "SMOKELESS POWDER". Blue, yellow and white label with red, white and black printing. Buff two-piece, full cover box. Full wrap-around end label. Contents unknown
- S-5 **22 SHORT (HOLLOW POINT).** "SMOKELESS POWDER". Blue, yellow and white label with red, white and black printing. Buff two-piece, full cover box. Full wrap-around end label. Contents unknown
- S-6 **22 SHORT (HOLLOW POINT).** "LESMOK POWDER". Blue, yellow and white label with red, white and black printing. Buff two-piece, full cover box. Full wrap-around end label. Contents unknown

S-6



1927- "BULLSEYE" Non-Corrosive "LUBALOY" Issues

L-1



L-1.1



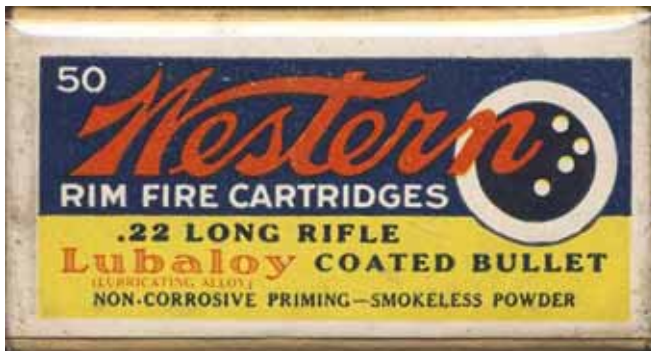
L-2



LR-1



LR-2



LR-3



LR-4



1927- "BULLSEYE" Non-Corrosive "LUBALLOY" Issues

- L-1 .22 LONG. "SMOKELESS POWDER". Blue, yellow and white label with red, white and black printing. Buff two-piece, full cover box. Full wrap-around end label. Bottom label is missing from this specimen. "2-1" h/s on a copper case. Copper washed lead bullets with 2K.
- L-1.1 .22 LONG. "LESMOK POWDER". Like L-1 but LESMOK powder.
- L-2 .22 LONG (HOLLOW POINT). "SMOKELESS POWDER". Same as L-1 except for the hollow point wording on the label.
- LR-1 .22 LONG RIFLE. "LESMOK POWDER". Blue, yellow and white label with red, white and black printing. Buff two-piece, full cover box. No product code. "2-1" h/s on a copper case. Copper washed lead bullet with 3K,LS. "B" bottom style.
- LR-2 .22 LONG RIFLE. "SMOKELESS POWDER". Same as LR-1 except for the change in the powder callout on the top.
- LR-3 .22 LONG RIFLE (HOLLOW POINT). "SMOKELESS POWDER". Same as LR-1 except for the Hollow Point callout on the top.. Contents unknown.
- LR-4 .22 LONG RIFLE (HOLLOW POINT). "LESMOK POWDER". Same as LR-13except LESMOK powder

"BULLSEYE" One-Piece Boxes NOT LABELED "Non-Corrosive"

S-2



S-2 Bottom



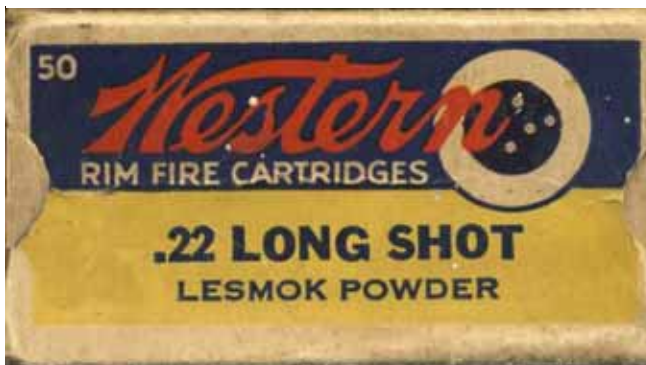
S-3



G-1 Bottom



L-1



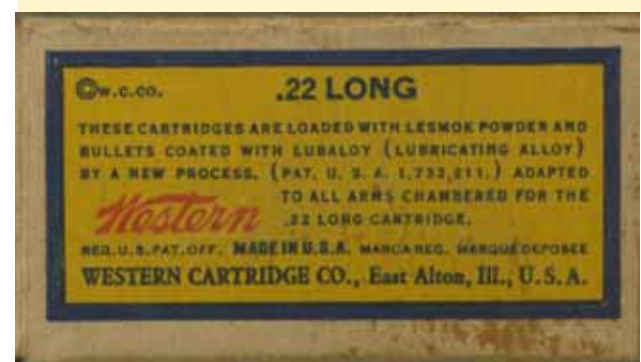
L-1 Bottom



L-2



L-2 Bottom



"BULLSEYE" One-Piece Boxes NOT LABELED "Non-Corrosive"

WCC-4.3 has been divided in to THREE new subdivisions

We will retain the original Dunn numbers with these exceptions.

- ♦ **W.3** Misc. One-piece boxes without the "non-corrosive" box markings.
- ♦ **4.3A** Western is outlined with yellow (AKA Ghost Boxes)
- ♦ **4.3B** Boxes printed with "Non-corrosive"

In 1931, Western replaced their two-piece full cover boxes with the new one-piece box with end flaps. 1931 was the year the new Super-X High Speed loadings was first issued. The "Bullseye" boxes were retained until the introduction of the "X-Pert" load in 1937, as the standard velocity issues. Even after that, some boxes were retained in the line until the 1940s.

Note: For the MARKSMAN target issues of this period, see WCC-50

- S-2 **.22 SHORT. (HOLLOW POINT).** "SMOKELESS POWDER". Blue, yellow and white box with red, white and black printing. One-piece box with end flaps.
- S-3 **.22 SHORT.** "SMOKELESS POWDER". Blue, yellow and white box with red, white and black printing. One-piece box with end flaps. "2-1" h/s. "GI" bottom.
- L-1 **.22 LONG SHOT.** "LESMOK". Blue, yellow and white box with red, black and white printing. One-piece box with end flaps. Rose-crimped, Copper case. No product code.
- L-2 **.22 LONG .** "LESMOK". Blue, yellow and white box with red, black and white printing. One-piece box with end flaps. No product code. "88-A" stamped on flap. Contents unknown.



"BULLSEYE" One-Piece Boxes NOT LABELED "Non-Corrosive"

LR-1



LR-1 Bottom



LR-2



LR-2 Bottom



XL-1



XL-1 Bottom



WRF-1



"4D" Bottom



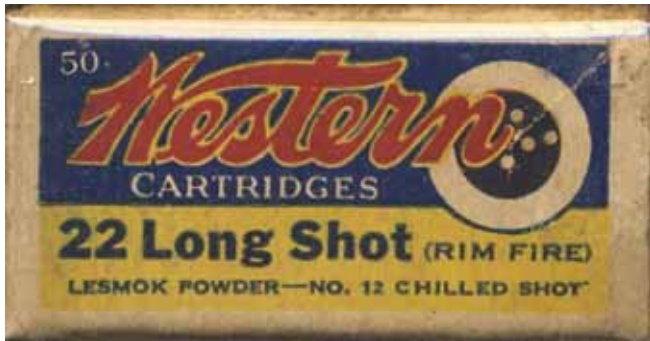
"BULLSEYE" One-Piece Boxes NOT LABELED "Non-Corrosive"

- LR-1 **.22 LONG RIFLE.** "LESMOK POWDER". Blue, yellow and white box with red, white and black printing. One-piece box with end flaps. No product code. "2-1" h/s on a brass case. Copper washed lead bullet with 3K,1S. "QQ" bottom #2 flap with 90-A.
- LR-2 **.22 LONG RIFLE (HOLLOW POINT).** "LESMOK POWDER". Blue, yellow and white box with red, white and black printing. One-piece box with end flaps. No product code.
- XL-1 **.22 EXTRA LONG.** "LESMOK POWDER". Blue, yellow and white box with red, white and black printing. One-piece box with end flaps. No product code.
- WRF-1 **.22 WIN. RIM FIRE.** "LESMOK". Blue, yellow and white box with red, white and black printing. One-piece box with end flaps. No product code. "2-1 h/s on a brass case. Copper washed lead bullets. "4D" bottom.



"BULLSEYE" "GHOST" Issues

L-1



L-1 Bottom



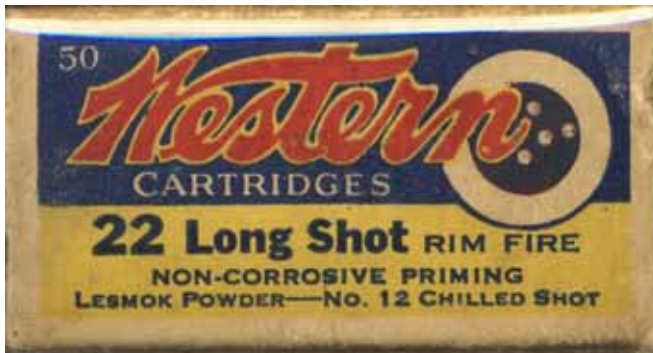
L-2



L-2 Bottom



L-4



L-4 Bottom



WRF-1



WRF-1 Bottom



"BULLSEYE" "GHOST" Issues

It is not known at this time when these boxes were manufactured by Western. This group has been referred to as the GHOST boxes because of the yellow outline around the red WESTERN. They also have a cartridge drawing on the bottoms.

- L-1 .22 LONG (SHOT). "LESMOK POWDER" Blue, yellow and white box with red, white and black printing. Contents are unknown. No product code. "M" bottom. Variations:
(a) #1 end flap.
(b) #3 end flap.
- L-2 .22 LONG (SHOT). "LESMOK POWDER". Same as L-1, except over-stamped NON-CORROSIVE PRIMING. "MA" bottom. End flap #1.
- L-4 .22 LONG (SHOT). "LESMOK POWDER, NON-CORROSIVE" Blue, yellow and white box with red, white and black printing. Contents are unknown. No product code.
- WRF-1 .22 WIN. RIM FIRE. "LESMOK". Blue, yellow and white box with red, white and black printing. No product code. Contents unknown.

"BULLSEYE" "GHOST" Issues

RA-1



RA-1 Bottom



RA-2



RA-2 Bottom



WRF-2



WRF-2 Bottom



"BULLSEYE" "GHOST" Issues

RA-1 .22 REM. AUTO "SMOKELESS POWDER" Blue, yellow and white box with red, white and black printing. Contents are unknown. No product code.

RA-1 .22 REM. AUTO "SMOKELESS POWDER" Same as RA-1, except over-printed NON-CORROSIVE PRIMING. Over-printed "LUBALOY COATED" at bottom edge of top label. Contents unknown.

WRF-2 .22 WIN. RIM FIRE. "SMOKELESS POWDER" Blue, yellow and white box with red, white and black printing. Contents are unknown. No product code.

1931- "BULLSEYE" Non-Corrosive Issues

S-1



S-1 Bottoms

S-1 (a)



S-1 (b)



S-1 (c)



S-1 (d)



S-1 (f)



S-1 (g)



S-1a Side



Ends



S-1b, c, & d Side



1931- "BULLSEYE" Non-Corrosive Issues

In 1931, Western replaced their two-piece full cover boxes with the new one-piece box with end flaps. 1931 was the year the new Super-X High Speed loadings was first issued. The "Bullseye" boxes were retained until the introduction of the "X-Pert" load in 1937, as the standard velocity issues. Even after that, some boxes were retained in the line until the 1940s.

Note: For the MARKSMAN target issues of this period, see WCC-50

- S-1 **.22 SHORT (BLANK).** Blue, yellow and white box with red, black and white printing. One-piece box with top flap. "U2-1" h/s on a copper case. Variations noted:
- (a) "NON-CORROSIVE PRIMING on the side. Blue wad. No Product code.
 - (b) "THE LOUDEST YET printed on the side. Product code K1203R on the side. Yellow wad.
 - (c) THE LOUDEST YET printed on the side. Product code K1203R on the side. Buff wad.
 - (d) THE LOUDEST YET printed on the side. Product code K1203R on the side. Buff wad.
 - (e) "Product code K1203R rubber stamped on side.
 - (f) THE LOUDEST YET printed on the side. Product code K1203R on the side. White wad.
 - (g) US and Canada patents on bottom.

1931- "BULLSEYE" Non-Corrosive Issues

S-3



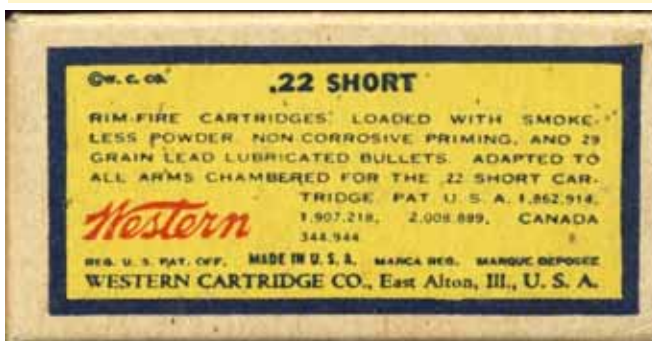
S-3 Bottom



S-3.1



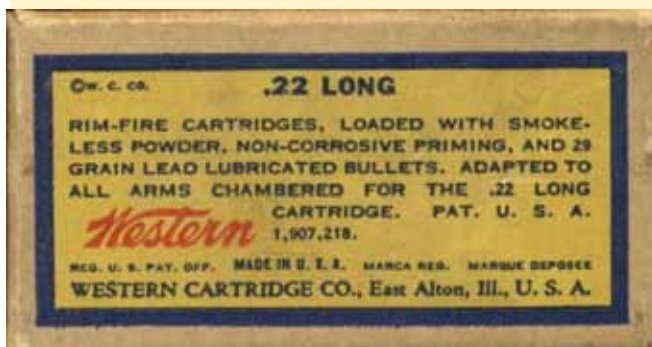
S-3.1 Bottom



L-1



L-1 Bottom

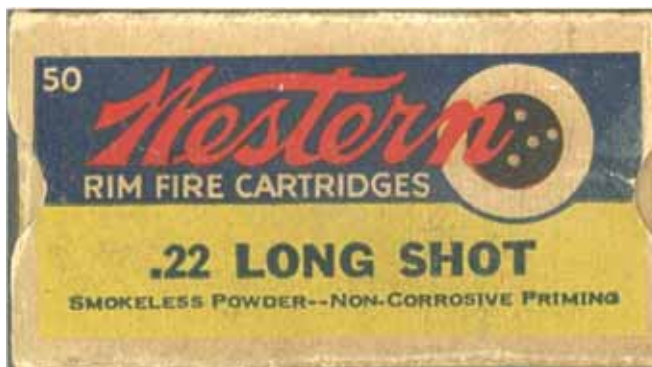


1931- "BULLSEYE" Non-Corrosive Issues

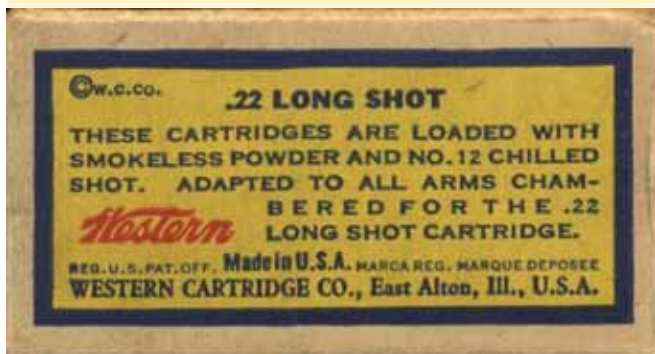
- S-3 **.22 SHORT.** "SMOKELESS, POWDER NON-CORROSIVE" Blue, yellow and white box with red, white and black printing. One-piece box with end flaps. Product code K1252R on the side. "2-1" h/s on a copper case. Lead bullets with 2K,1S. "G" bottom. #3 end flap.
- S-3.1 **.22 SHORT.** "SMOKELESS, POWDER NON-CORROSIVE" Blue, yellow and white box with red, white and black printing. One-piece box with end flaps. Product code K1252R. Contents unknown.
- L-1 **.22 LONG.** "SMOKELESS, POWDER NON-CORROSIVE". Blue, yellow and white box with red, white and black printing. One-piece box with end flaps. Product code K1253R. Lubricated lead bullets. Contents unknown.

1931- "BULLSEYE" Non-Corrosive Issues

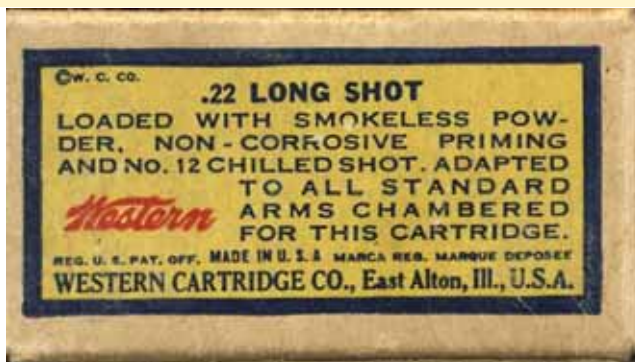
L-3



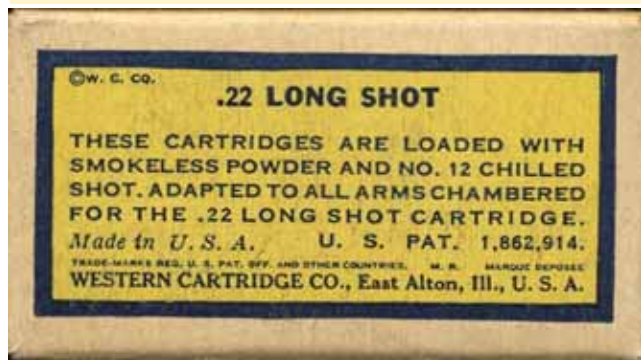
M-1 Bottom



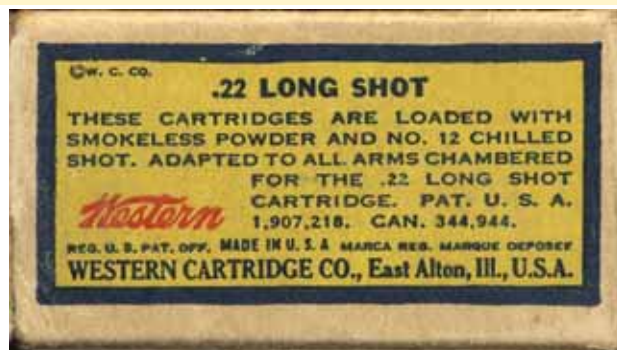
M-2 Bottom



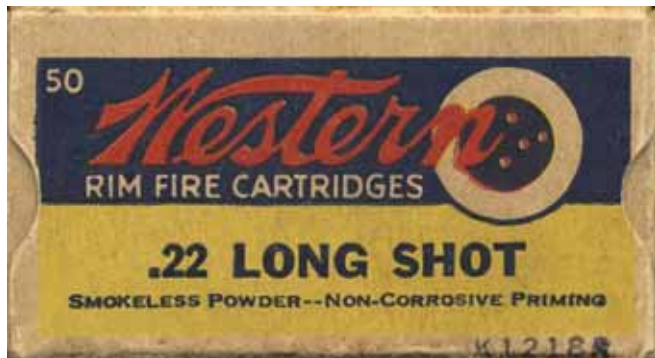
M-3 Bottom



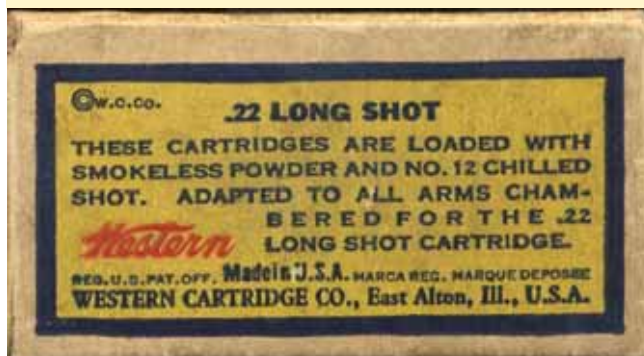
"MM" Bottom



L-4



L-4 Bottom



1931- "BULLSEYE" Non-Corrosive Issues

L-3 .22 LONG (SHOT). "SMOKELESS, POWDER NON-CORROSIVE". Blue, yellow and white box with red, white and black printing. One-piece box with end flaps. Product code K1218R.. Variations noted:

- (a) "M1" bottom. Right Flap #3a.. Left flap blank. No product code on side.
- (b) "M2" bottom. Flap #2
- (c) "M3" bottom. Flap #1
- (d) "MM" bottom. Flap #3. Smaller product code number.



L-4 .22 LONG (SHOT). "SMOKELESS, POWDER NON-CORROSIVE". Blue, yellow and white box with red, white and black printing. One-piece box with end flaps. Product code K1218R over-printed at bottom of top label. "M1" bottom. Right flap has 89A. Left flap blank.

1931- "BULLSEYE" Non-Corrosive Issues

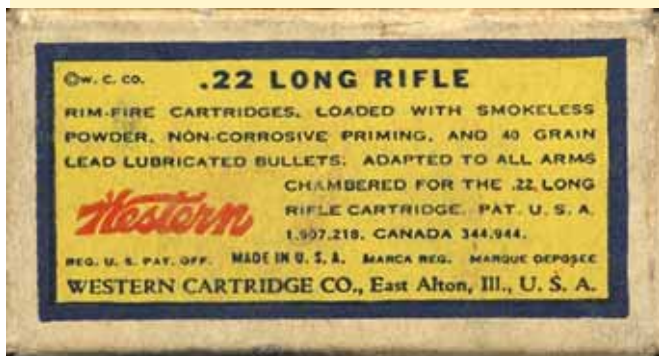
"N"



"O"



"P" Bottom



"P1" Bottom



"P2" Bottom



"Q" Bottom



"R" Bottom



"U" Bottom



1931- "BULLSEYE" Non-Corrosive Issues

LR-1



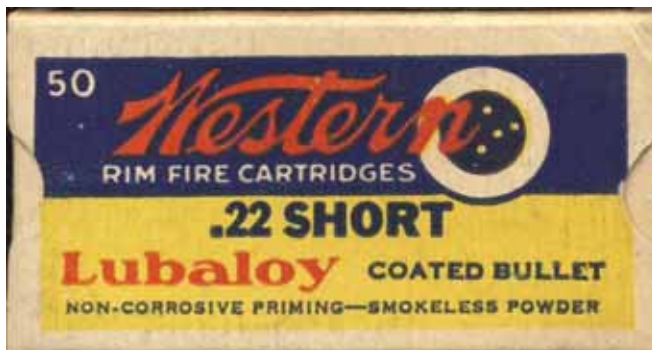
LR-1 .22 LONG RIFLE. "SMOKELESS POWDER". Blue, yellow and white box with red, black and white printing. One-piece box with end flaps. Product code K1222R on the side. "2-1" h/s. Lead bullets with 3K,1S. Variations noted:

- (a) "N" bottom. Copper cases. #3 end flap.
- (b) "0" bottom. Box is empty. #2 flap with 90C
- (c) "P" bottom. Copper cases. #3 end flap_
- (d) "Q" bottom. Copper cases. #3 end flap.
- (e) "U" bottom. Copper cases. #4 end flap.
- (f) "U" bottom. Brass cases. #4 end flap.
- (g) "R" bottom. Copper cases. #4 end flap.
- (h) "R" bottom. Brass cases. #4 end flap.
- (i) "P1" bottom
- (j) "P-2" bottom



1931- "BULLSEYE" Non-Corrosive "LUBALOY" Issues

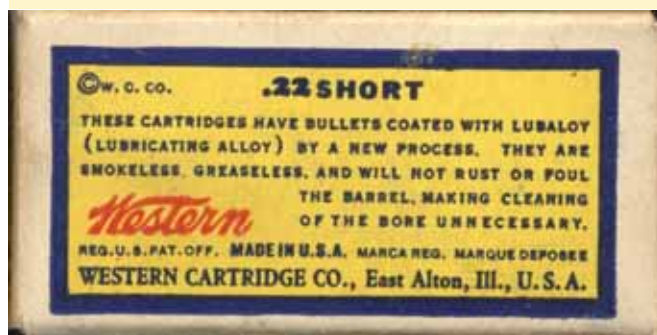
S-1



"H" Bottom



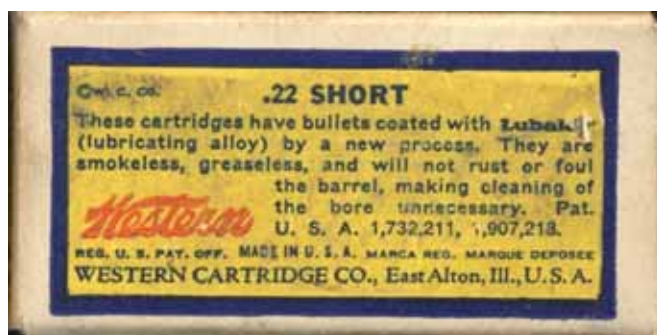
"H1" Bottom



S-1.1



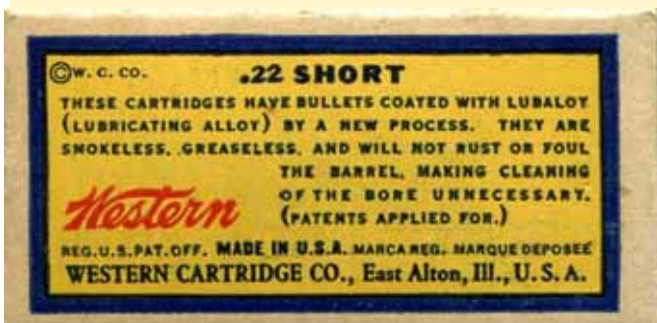
S-1.1 Bottom



S-2



"HH" Bottom



1931- "BULLSEYE" Non-Corrosive "LUBALOY" Issues

In 1931, Western replaced their two-piece full cover boxes' with the new one-piece box with end flaps. This was the year the new SUPER-X issues were introduced. The Lubaloy bullets still did not have a wax finish. It was not until about 1939 that the dry finish was replaced

S-1 .22 SHORT. "SMOKELESS POWDER". Blue, yellow and white box with red, white and blue printing. One-piece box with end flaps. No product code. "2-1" h/s on a copper case. Copper washed lead bullets with 2K. Variations noted:

- (a) "H" bottom. #1 end flap.
- (b) "H" bottom. #2 end flap
- (c) "H1" Bottom. #11 end flap



S-1.1 .22 SHORT. "SMOKELESS POWDER". Like S-1 but K1206R product code hand stamped on bottom edge of top label. Contents unknown.



S-2 .22 SHORT. "SMOKELESS POWDER". Same, as S-1, except LUBRICATING ALLOY in fine print under the word LUBALOY on top. Box is empty, so contents are unknown. "HH" bottom. #1 flap.

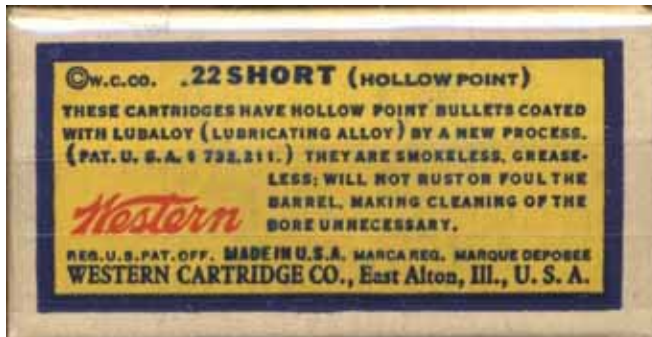


1931- "BULLSEYE" Non-Corrosive "LUBALOY" Issues

S-4



S-4 Bottom



L-1



L-1 "L" Bottom



"L1" Bottom



L-2



"L2" Bottom



1931- "BULLSEYE" Non-Corrosive "LUBALOY" Issues

S-4 **.22 SHORT (HOLLOW POINT)**. "SMOKELESS POWDER". Blue, yellow and white box with red, white and blue printing. One-piece box with end flaps. No product code. Contents unknown



L-1 **.22 LONG**. "SMOKELESS POWDER". Blue, yellow and white box with red, white and black printing. One-piece box with end flaps. No product code. "2-1" h/s on a copper case. Copper washed lead bullets with 2K. Variations noted:



- (a) "L" bottom. #2 end flap with 88A
- (b) "L1" bottom. #2 end flap with 88C.
- (c) "L1" bottom, #2 end flap with 88C, "K1214R" stamped on side



L-2 **.22 LONG. (HOLLOW POINT)** "SMOKELESS POWDER". Blue, yellow and white box with red, white and black printing. One-piece box with end flaps. No product code.



1931- "BULLSEYE" Non-Corrosive "LUBALOY" Issues

LR-1



"O" Bottom



LR-1.5



1931- "BULLSEYE" Non-Corrosive "LUBALOY" Issues

- LR-1 .22 LONG RIFLE. "SMOKELESS LUBALOY". Blue, yellow and white box with red, black and white printing. One-piece box with end flaps. Top over-stamped LUBALOY. No product code. "O" bottom.
- LR-1.5 .22 LONG RIFLE. "LESMOK LUBALOY". Blue, yellow and white box with red, black and white printing. One-piece box with end flaps. "89B" on left end flap only.. "2-1" h/s on copper case. Copper plated lead bullets.



Insert from LR-1.5 box

1931- "BULLSEYE" Non-Corrosive "LUBALOY" Issues

LR-2



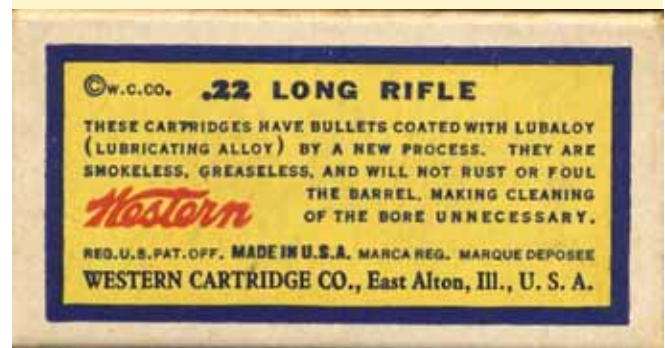
End Example



"R1" Bottom



"R2" Bottom



"S" Bottom



"S-1" Bottom



LR-2.1



LR-2.2



1931- "BULLSEYE" Non-Corrosive "LUBALOY" Issues

LR-2 .22 LONG RIFLE. "SMOKELESS POWDER". Blue, yellow and white box with red, white and black printing. One-piece box with end flaps. Variations noted:

- (a) "R1" bottom. #2 end flap with 90CL.
- (b) "R-1" bottom, end flap has 90C, rubber stamped "K1223R" product code on side.



- (c) "S" bottom, the GREASELESS has been blacked out. #2 end flap with 90CL.
- (d) Same as (c), except 90C on the end flap.

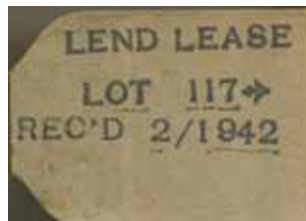


- (e) "S-l" bottom. #2 end flap with 90CL.

LR-2.1 .22 LONG RIFLE. "SMOKELESS POWDER". LR-2 box with "S-l" bottom. #2 end flap with Army Lot number stamped inside flap. Example shown, lot numbers will vary. cartridges are copper case w/2 'stitch' type case cannellure. 3 cannellure copper plated bullet.



LR-2.2 .22 LONG RIFLE. "SMOKELESS POWDER". exactly like LR-2(e) except box was sent to England as part of Lend Lease program and stamped on side "NOT ENGLISH MADE" and stamped on inside left flap with an English lot number. Both those stamps were almost assuredly put on in England.



1931- "BULLSEYE" Non-Corrosive "LUBALOY" Issues

LR-3



LR-3 Bottom



LR-3.1



LR-3.1 Bottom



XL-1



XL-1 Bottom



XL-2



XL-2 Bottom



1931- "BULLSEYE" Non-Corrosive "LUBALOY" Issues

LR-3 .22 LONG RIFLE (HOLLOW POINT). "SMOKELESS POWDER". Blue, yellow and white box with red, white and black printing. One-piece box with end flaps. No product code. Contents unknown.



LR-3.1 .22 LONG RIFLE (HOLLOW POINT). "SMOKELESS POWDER". Like LR-3 except slightly different top label format.



XL-1 .22 EXTRA LONG. "LESMOK POWDER". Blue, yellow and white box with red, white and black printing. One-piece box with end flaps. No product code. "2-1" h/s on a copper case. Copper washed lead bullet with 3K,1S. "V" bottom #1 end flap.



XL-2 .22 EXTRA LONG. "SMOKELESS POWDER". Same as XL-1 except for change in powder type callout. "VV" bottom. #1 end flap. Product code K1229R on side.



1931- "BULLSEYE" Non-Corrosive "LUBALOY" Issues

RA-1 & RA-2



"X" Bottom



"X2" Bottom



"X4" Bottom



RA-3



"X1" Bottom



"X3" Bottom



"X5" Bottom



1931- "BULLSEYE" Non-Corrosive "LUBALOY" Issues

RA-1 .22 REM. AUTO. "SMOKELESS POWDER". Blue, yellow and white box with red, white and black printing. One-piece box with end flaps. Product code K1236R on side. "2-1" h/s on a brass case. Copper washed lead bullet. Variations noted:

- (a) "X" bottom. Plain end flap with 12-A on one tab.
- (b) "X1" bottom. #3 end flap.
- (c) "X2" bottom. #3 end flap.
- (d) "X4" bottom.
- (e) "X5" bottom. End "B"..
- (f) Product code over-printed on side.

End "A"



End "B"



(f) side



RA-2 .22 REM. AUTO. "SMOKELESS POWDER". Like RA-1 except no product code.. Variation noted:

- (a) X1 bottom. Plain end flap.



RA-3 .22 REM. AUTO (HOLLOW POINT). "SMOKELESS POWDER". Blue, yellow and white box with red, white and black printing. One-piece box with end flaps. No product code

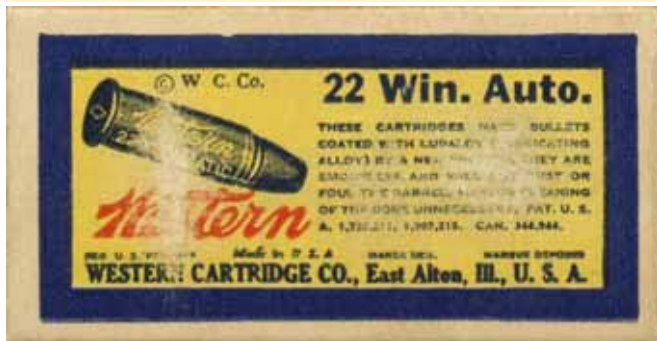


1931- "BULLSEYE" Non-Corrosive "LUBALOY" Issues

WA-1



"Y" Bottom



"YY" Bottom



"Z" Bottom



"Z2" Bottom



"Z3" Bottom



"Z4" Bottom



1931- "BULLSEYE" Non-Corrosive "LUBALOY" Issues

- WA-1 .22 WIN. AUTO. "SMOKELESS POWDER". Blue, yellow and white box with red, white and black printing. One-piece box with end flaps. "2-1" h/s. Copper washed lead bullets. Variations noted:
- (a) "Y" bottom. Specimen is missing end flaps. Copper cases.
 - (b) "YY" bottom. #2 end flap with 19-A on end flap. The top is hand stamped with product code K1236R. Copper cases.
 - (c) Same as (b) except no product code.
 - (d) "Z" bottom. #3 end flap. Copper cases.
 - (e) "Z2" bottom. #3 end flap
 - (f) "Z3" bottom. #3 end flap.
 - (g) "Z4" bottom. #3 end flap. Copper cases.
 - (h) "ZZ" bottom. #3 end flap. Copper cases.
 - (i) "1A" bottom. #6 end flap. copper cases. Ends have a red WESTERN printed on them.

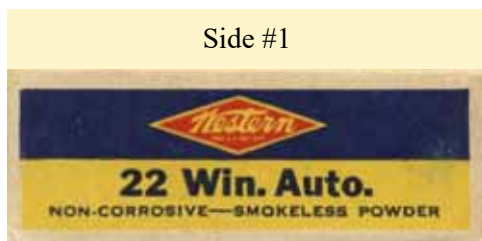
End "A"



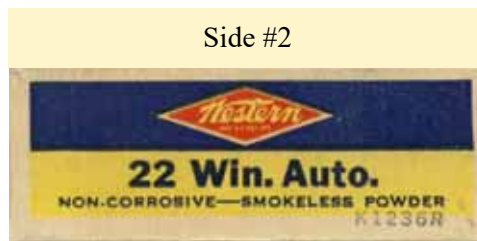
End "B"



Side #1



Side #2



Side #3



Side #14

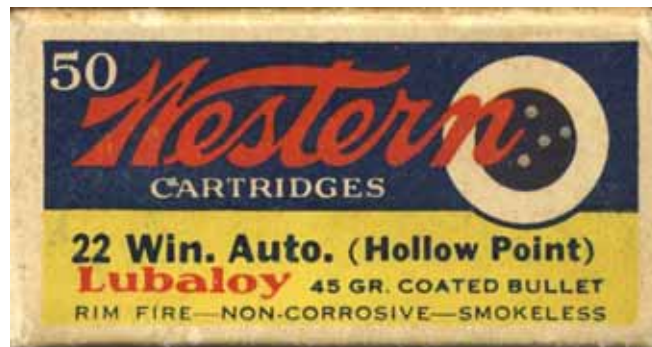


"1A" Bottom



1931- "BULLSEYE" Non-Corrosive "LUBALOY" Issues

WA-2



"Z1" Bottom 0



"ZZ" Bottom



"ZZ1" Bottom



"ZZ2" Bottom



1931- "BULLSEYE" Non-Corrosive "LUBALOY" Issues

WA-2 .22 WIN. AUTO. (HOLLOW POINT). 22 WIN. AUTO. "SMOKELESS
POWDER". Blue, yellow and white box with red, white and black printing. One-piece
box.. "2-1" h/s. Copper washed lead bullets. Plain end flaps with 19-B on the side
flap. Variations noted:

- (a) "Z1" Bottom. Side #1. No Product code
- (b) "ZZ" Bottom Side #2 with product code K123% hand stamped on side
- (c) "ZZ1" Bottom Side #3 with product code K1237R printed on side
- (d) "ZZ2" bottom. Side #3 with product code K1237R printed on side



Side #1



Side #2



Side #3



1931- "BULLSEYE" Non-Corrosive "LUBALOY" Issues

WA-3



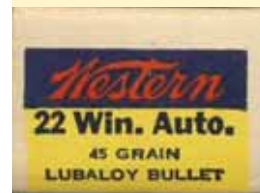
"ZA" Bottom



1931- "BULLSEYE" Non-Corrosive "LUBALOY" Issues

WA-3 .22 WIN. AUTO. "SMOKELESS POWDER". Same as WA-1 except for a change in the top format. "ZA" bottom.

End "A"



Side #1



Side #2



1931- "BULLSEYE" Non-Corrosive "LUBALOY" Issues

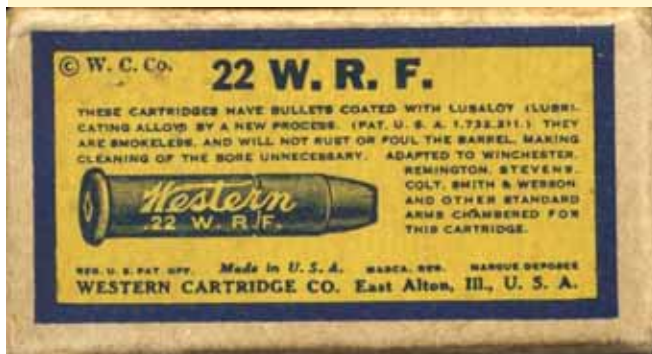
WRF-1



"1D" Bottom



"2D" Bottom



"2DA" Bottom



"2DB" Bottom



1931- "BULLSEYE" Non-Corrosive "LUBALOY" Issues

WRF-1 .22 WIN. RIM FIRE. "SMOKELESS". Blue, yellow and white box with red, white and black printing. One-piece box with end flaps. No product code. "2-1 h/s on a brass case. Copper washed lead bullets. Variations noted:

- (a) "1D" bottom. #1 end flap. Brass cases.
- (b) "2D" bottom. Copper cases.



Side #1

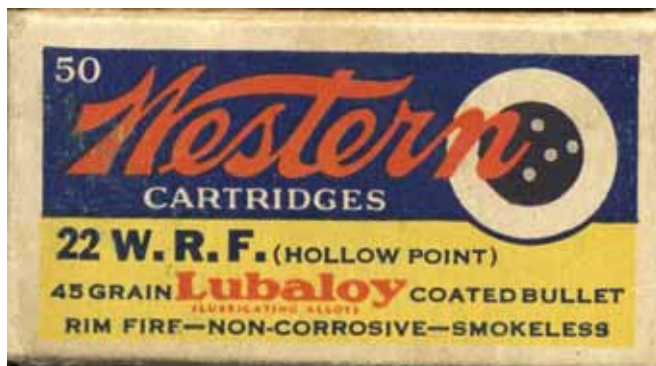


Side #2

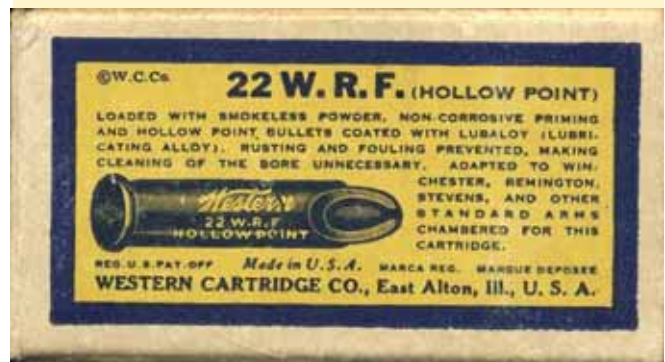


1931- "BULLSEYE" Non-Corrosive "LUBALOY" Issues

WRF-2



"3D" Bottom



WRF-3



"5D" Bottom



1931- "BULLSEYE" Non-Corrosive "LUBALOY" Issues

WRF-2 .22 WIN. RIM FIRE (HOLLOW POINT). "SMOKELESS". Blue, yellow and white box with red, white and black printing. One-piece box with end flaps. No product code. "2-1" h/s on a brass case. Copper washed lead bullet. "3D" bottom. #1 end flap.



WRF-3 .22 WIN. RIM FIRE. "LESMOK". Blue, yellow and white box with red, white and black printing. One-piece box with end flaps. No product code. "2-1" h/s on a copper case. Copper washed lead bullets. "5D" bottom.

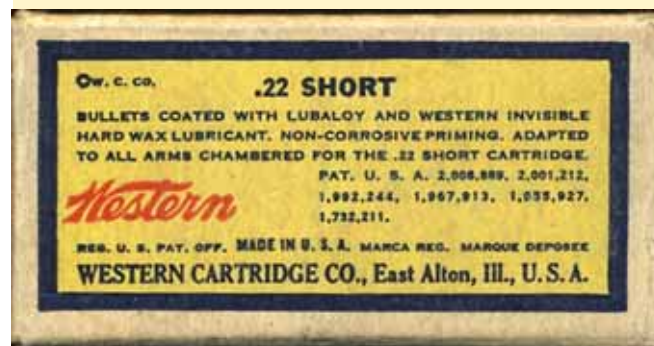


1939- "BULLSEYE" Non-Corrosive "LUBALOY" Issues
(With wax Coated Bullets)

S-1



S-1 Bottom



1939- "BULLSEYE" Non-Corrosive "LUBALOY" Issues
(With wax Coated Bullets)

About 1939, Western started cataloging and offering boxes marked WAX COATED on the top of the box. Due to the markings on the bottom of some of the prior issues boxes, it may be assumed that Western had been using some type of bullet lubrication for some period of time before they started marking the top of the boxes. Western SUPER-X boxes with the wax coated markings are common, but the Bullseye issues are rather difficult to locate with this marking.

Note: It was hoped that when this issue was submitted to the members as part of the check list program, that more boxes with the WAX COATED markings would be reported. They were not! Then one has to decide if this is a single box, or is part of a series, with the rest of the boxes being very rare.

S-1 **.22 SHORT**, "EXTRA CLEAN, WAX COATED-SMOKELESS". Blue, yellow and white box with red, white and black printing. One-piece box with end flaps. Product code K1206R on the side. "2-1-h/s on a copper case. Copper washed lead bullet with 2K,IS. #3 end flap. "I" bottom.



S-1 Side



Western Cartridge Co.

Division of Olin Industries, Inc—East Alton, ILL
1945- "BULLSEYE" Issues

S-1



Bottom



WA-1



"1C" Bottom



WA-2



WA-3



Western Cartridge Co.

Division of Olin Industries, Inc—East Alton, ILL 1945- "BULLSEYE" Issues

In 1945 the boxes started showing Western to be a division Olin industries. The Bullseye style only remained in the line for a short period after this date. This issue was completely discontinued by 1947.



S-1 **.22 SHORT (BLANK).** Yellow and blue box with red, white and black printing. One-piece box without tray. Product code K1203R on side. "2-1" h/s on a copper case. White wad.

WA-1 **.22 WIN. AUTO.** "SMOKELESS LUBALOY BULLET". Yellow and blue box with red, white and black printing. One-piece box with end flaps. "2-1" h/s. Copper washed bullet. "1-C" bottom. Variations noted:

- (a) Product code A22 on ends. Copper cases.
- (b) Product code A22 on ends. Brass cases.



WA-2 **.22 WIN. AUTO.** "SMOKELESS LUBALOY BULLET". Similar to WA-1 except: Product code 1236R on sides. "LUBALOY" on top on left. Ends read COATED BULLETS.

- (a) Copper case.
- (b) Brass case



WA-3 **.22 WIN. AUTO.** "SMOKELESS LUBALOY BULLET". Similar to WA-2 except: Product code K1236R on sides. "LUBALOY" on top centered. Ends read LUBALOY BULLETS.

- (a) Copper case.
- (b) Brass case



WA-3.5 **.22 WIN. AUTO.** "SMOKELESS LUBALOY BULLET". WA-3 box with red warning over-stamped on bottom. "2-1" h/s on copper case.



Winchester-Western Division, Olin Mathieson Chemical Corporation
1947- "BULLSEYE" Issues

WA-5



"2C" Bottom



Winchester-Western Division, Olin Mathieson Chemical Corporation
1947- "BULLSEYE" Issues

About 1947 the boxes started showing Western to be a division of Winchester-Western., Olin Mathieson Chemical Corporation.



WA-5 .22 WIN. AUTO. "SMOKELESS LUBALLOY BULLET". Yellow and blue box with red, white and black printing. One-piece box with end flaps. "2-1" h/s. Copper washed bullet. "2C" bottom. Product code A22 on ends. "2-1" h/s on copper cases.

Western Cartridge Co.

"SUPER-X" Issues 1931-1960

CAUTION

The numbering system has been altered in SUPER-X section
from original DUNN catalog.

Introduced in 1931, this issue remained in the line until the end of Western production in 1980. The issue went thru different styles of boxes and company ownership changes. This issue will be cataloged by ownership series. This is a high speed issue made possible by new developments in powders. The X-PERT loading is a standard velocity loading introduced in 1937. For more advanced information please check

"Western Cartridge Co. Super-X .22 Boxes, 1931-1960"

www.22box-id.com/SX.php

1931-1947

1947-1953

1953-1960

1955

1956-1960



ALL XPERT BOXES
are located in section WCC-52

ALL GALLERY BOXES
Are located in section WCC-49

"SUPER-X" Issues
1931-1960

Identifying Super-X boxes can be somewhat difficult. There are many small differences in tops, bottoms ands, and fonts. To hopefully ease identification we have divided the Super-X boxes in categories as follows.

WCC-6A
FIRST ISSUES



WCC-6B
"GREASED"



GREASED

WCC-6C
"LUBRICATED"



LUBRICATED

WCC-6D
WCC-8
WCC-10
"EXTRA CLEAN" &
"WAX COATED"



EXTRA CLEAN 22 LONG 50 RIM FIRE CARTRIDGES WAX COATED

WCC-10A
"TRADE MARK"



TRADE MARK

Western Cartridge Co.

East Alton, ILL
1931 "SUPER-X" Issues

S-1(a)



S-1(b)



S-1(c)



S-2



L-1



Western Cartridge Co.

East Alton, ILL 1931 "SUPER-X" Issues

Introduced in 1931, this issue remained in the line until the end of Western production in 1980. The issue went thru different styles of boxes and company ownership changes. This issue will be cataloged by ownership series. This is a high speed issue made possible by new developments in powders. The X-PERT loading is a standard velocity loading introduced in 1937..

WESTERN CARTRIDGE CO., East Alton, Ill., U. S. A.

Bottom "A"



Bottom "B"



- S-1 **.22 SHORT.** "SUPER-X". Blue and yellow box with red and black printing. One-piece box with end flaps. "SU-1" h/s on a nickel washed brass case. Copper washed bullet with 1K,IS. Variations noted:
- (a) "A" bottom with "WCCo" in upper left corner and 4 patents listed No product code.
 - (b) "A" bottom with "WCCo" in upper left corner and 5 patents listed. Product code K1208R hand-stamped on top.
 - (c) "A" bottom with "WCCo" in upper left corner and 6 patents listed. Product code K1208R on front.
- S-2 **.22 SHORT (HOLLOW POINT).** "SUPER-X". Same as S-1 except for the hollow point wording on the top. "A" bottom. 1 patent listed on the bottom. No product code.
- L-1 **.22 LONG.** "SUPER-X". Blue and yellow box with red and black printing. One-piece box with end flaps. "A" bottom. "SU-1" h/s on a nickel washed brass case. Copper washed lead bullet.
- | | | | |
|-----|---------------------|---------------------|--|
| (a) | 1 patent on bottom | No product code | 88-CN on flap |
| (b) | 1 patent on bottom | K121R product code | 88-CN on flap |
| (c) | 2 patents on bottom | K1216R product code | "Caution, Dangerous within 1 Mile" on flap |
| (c) | 4 patents on bottom | No product code | 88-CN on flap |
| (d) | 5 patents on bottom | No product code | 88-CN on flap |

Flap Warning label



Western Cartridge Co.

East Alton, ILL
1931 "SUPER-X" Issues

LR-1



LR-2



LR-3



LR-4



LR-6



WRF-1



WRF-3



- LR-1 **.22 LONG RIFLE.** "SUPER-X". Blue and yellow box with red and black printing. One-piece box with end flaps. "A" bottom with 5 patents listed. No product code. "SU-1" h/s on a nickel washed brass case. Copper washed bullets.
- LR-2 **.22 LONG RIFLE (HOLLOW POINT).** "SUPER-X". Same as LR-1 except for hollow point wording on the top. "A" bottom. 2 patents listed. Product code K1251R.
- LR-3 **.22 LONG RIFLE (HOLLOW POINT).** "SUPER-X". Same as LR-2 except for hollow point wording on the top. "A" bottom. 2 patents listed. Product code K1226R.
- LR-4 **.22 LONG RIFLE (HOLLOW POINT).** "SUPER-X". Same as LR-2 except for no product code and "A" style bottom with one patent listed.. No flap warning.
- LR-6 **.22 LONG :RIFLE (SHOT).** "SUPER-X". Yellow and blue box with red and black printing. One-piece box with end flaps. "A" bottom with no patents listed. Product code K1227R on the side. "SU-1" h/s on a rose crimped, nickel washed brass case.
- WRF-1 **.22 WIN. RIM FIRE.** "SUPER-X". Yellow and blue box with red and black printing. One-piece box with end flaps. Product code K1234R on ends. "SU-1" h/s on a nickel washed brass case. Copper washed bullet. Variations noted:
(a) "A" bottom with 2 patents listed.
(b) "B" bottom with 6 patents listed.
- WRF-3 **.22 WIN. RIM FIRE (HOLLOW POINT).** "SUPER-X". Same as WRF-2, except the hollow point wording now appears on the top as well as the end. No product code.

S-1



L-1



LR-1



LR-2



LR-3



East Alton, ILL
GREASED "SUPER-X" Issues

- S-1 .22 SHORT. "SUPER-X, GREASED". ". Blue and yellow box with red and black printing. One-piece box with end flaps. Contents unknown.
- L-1 .22 LONG. "SUPER-X, GREASED". ". Blue and yellow box with red and black printing. One-piece box with end flaps. Product code K1257R on side. 3 patents on bottom. Contents unknown.
- LR-1 .22 LONG RIFLE. "SUPER-X GREASED". Yellow and blue box with red and black printing. One-piece box with end flaps. Product code K1250R on side. 3 patents listed. "SU-I" h/s on a nickel washed brass case. Copper washed bullet
- LR-2 .22 LONG RIFLE (HOLLOW POINT). "SUPER-X GREASED". Yellow and blue box with red and black printing. One-piece box with end flaps. Contents Unknown.
- LR-3 .22 LONG RIFLE (SHOT). "SUPER-X GREASED". Same as LR-6 except GREASED has been added to the top. "B" bottom with 3 patents listed. Product code K1227R on side.

Western Cartridge Co.

East Alton, ILL
LUBRICATED "SUPER-X" Issues

S-1



S-2



S-3



L-1



L-2



L-3



East Alton, ILL
LUBRICATED "SUPER-X" Issues

- S-1 **.22 SHORT.** "SUPER-X, LUBRICATED". ". Blue and yellow box with red and black printing. One-piece box with end flaps. Contents unknown.
- S-2 **.22 SHORT.** "SUPER-X, LUBRICATED". ". Blue and yellow box with red and black printing. One-piece box with end flaps. Over-stamped LUBRICATED. Contents unknown.
- S-3 **.22 SHORT.** "SUPER-X, LUBRICATED". ". Blue and yellow box with red and black printing. One-piece box with end flaps. Over-stamped K1256R and LUBRICATED. Contents unknown.
- L-1 **.22 LONG.** "SUPER-X, LUBRICATED". Blue and yellow box with red and black printing. One-piece box with end flaps. Over-stamped "LUBRICATED" at bottom edge of top. Product code K1257R stamped on side and original code blacked out. 6 patents on bottom. Contents unknown.
- L-2 **.22 LONG** "SUPER-X LUBRICATED". Same as L-1 except for the word LUBRICATED has been printed in red ink on the top. Product code K1257R on side. 5 patents on bottom. Contents unknown.
- L-3 **.22 LONG (HOLLOW POINT).** "SUPER-X LUBRICATED". Same as L-2 except for the (HP) on the top. Product code K1258R on side. 6 patents on bottom. Contents unknown.

Western Cartridge Co.

East Alton, ILL
LUBRICATED "SUPER-X" Issues

LR-1



LR-2



LR-3



**East Alton, ILL
LUBRICATED "SUPER-X" Issues**

- LR-1 **.22 LONG RIFLE.** "SUPER-X, LUBRICATED". Same as LR-1 except over-stamped "LUBRICATED" at bottom edge of top. Product code K1250R 2 patents on bottom. Contents unknown.
- LR-2 **.22 LONG RIFLE (HOLLOW POINT).** "SUPER-X LUBRICATED". Same as LR-3 except for the word LUBRICATED has been hand-stamped on the top.
- LR-3 **.22 LONG RIFLE (HOLLOW POINT).** "SUPER-X LUBRICATED". Same as LR-3 except for the word LUBRICATED has been hand-stamped on the top. The old product code has been blacked out and a K1251R has been hand-stamped on the side.

East Alton, ILL
1937 "SUPER-X" "EXTRA CLEAN-WAX COATED" Issues

S-4



S-5



L-3



L-4



East Alton, ILL
1937 "SUPER-X" "EXTRA CLEAN-WAX COATED" Issues

Starting in 1937 Western started to produce boxes with the red "Extra Clean" and "Wax Coated" information on the top labels..

- S-4 **.22 SHORT.** "SUPER-X EXTRA CLEAN WAX COATED". Blue and yellow box with red and black printing. One-piece box with end flaps. "A" bottom. "SU-1" h/s on a nickel washed brass case. Copper washed lead bullet. Variations noted:
- (a) "A" bottom with "WCCo" in upper left corner and 1 patent No. listed on the bottom. No product code.
 - (b) "A" bottom with " WCCo " in upper left corner and 2 patent No. listed on the bottom. Product code K1208R.
 - (bb) "B" bottom with " WCCo " in upper left corner and 2 patent No. listed on the bottom. Product code K1208R.
 - (c) "A" bottom with " WCCo " in upper left corner and 5 patent No. listed on the bottom. Product code K1208R.
 - (d) "A" bottom with " WCCo " in upper left corner and 6 patent No. listed on the bottom. Product code K1208R.
 - (e) "B" bottom with " WCCo " in upper left corner and 3 patent No. listed on the bottom. Product code K1208R.
- S-5 **.22 SHORT (HOLLOW POINT).** "SUPER-X EXTRA CLEAN WAX COATED". Same as S-4 except for the hollow point wording on the top and ends. "B" bottom with no patents listed.
- L-3 **.22 LONG.** "SUPER-X EXTRA CLEAN WAX COATED". Same as L-1 except for bullet finish callouts added to top. Variations noted:
- (a) "A" bottom with 4 patents listed. No product code.
 - (b) "A" bottom with 6 patents listed. Product code K1261R.
 - (c) "B" bottom with "WCCo" on upper left corner. 3 patents listed on bottom. Product code K1261R on side.
 - (d) Same as (c) except no "WCCo" on the bottom.
- L-4 **.22 LONG (HOLLOW POINT).** "SUPER-X EXTRA CLEAN WAX COATED". Blue and yellow box with red and black printing. One-piece box with end flaps. Product code K1217% on side. "A" bottom. with " WCCo " in upper left corner and 2 patent No. listed on the bottom. "SU-1" h/s on a nickel washed brass case. Copper washed lead bullet.

Western Cartridge Co.

East Alton, ILL
1937 "SUPER-X" "EXTRA CLEAN-WAX COATED" Issues

LR-9



LR-10



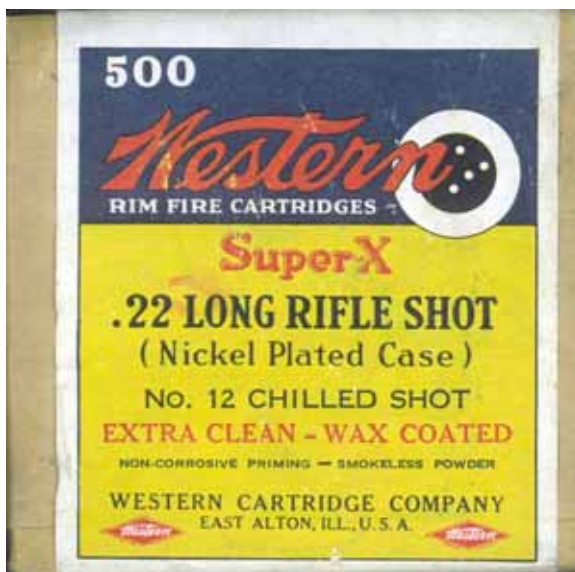
LR-11



LR-12



LR-13



East Alton, ILL
1937 "SUPER-X" "EXTRA CLEAN-WAX COATED" Issues

- LR-9 **.22 LONG RIFLE.** "SUPER-X EXTRA CLEAN WAX COATED". Yellow and blue box with red and black printing. One-piece box with end flaps. Product code K1225R on side. "SU-I" h/s on a nickeled brass case. Copper washed lead bullet. Variations noted:
- (a) "A" bottom with "WCCo" and 2 patent No.
 - (b) "B" bottom with 4 patent No.
 - (c) "B" bottom with 6 patent No.
 - (d) "B" bottom with 10 patent No.
- LR-10 **.22 LONG RIFLE (HOLLOW POINT).** "SUPER-X EXTRA CLEAN WAX COATED". Same as LR-9, except for the hollow point wording on the top and ends. Product code K1226R on side.. Variations noted:
- (a) "B" bottom with 6 patents listed.
 - (b) "B" bottom with 4 patents listed.
- LR-11 **.22 LONG RIFLE (SHOT).** "SUPER-X CLAY TARGET". Yellow and blue box with red and black printing. One-piece box with end flaps. Product code :K1268R on the side. "SU-I" h/s on a rose crimped nickeled brass case #12 chilled shot. Variations noted:
- (a) "B" bottom with 5 patents No. Ends flaps read "DANGEROUS WITHIN 1 MILE".
 - (b) "B" bottom with 4 patents No. Ends flaps read "DANGEROUS WITHIN 100 YARDS".

NOTE: Introduced in Jan. 1941 catalog



- LR-12 **.22 LONG RIFLE (SHOT).** "SUPER-X EXTRA CLEAN WAX COATED". This is the same as LR-11 except with the CLAY TARGET removed from the top. Product code K1227R on the side. "B" bottom. "SU-I" h/s on a nickel washed brass case. Rose crimped
- LR-13 **.22 LONG RIFLE (SHOT).** "SMOKELESS POWDER". 500 rd box. Blue and yellow label with red, white and black printing. Buff two-piece, full cover box. Nickeled case. Product code K1266R on top



Western Cartridge Co.

Division of Olin Industries, Inc
1946-56 "SUPER-X" Issues

S-1



S-2



WCC-8

Division of Olin Industries, Inc
1946-56 "SUPER-X" Issues

This is a continuation of the 1931 SUPER-X issues, but shows the change in ownership on the bottom of the box. This series covers the production from 1946 to 1956.

WESTERN CARTRIDGE COMPANY, East Alton, Ill., U.S.A.
Division of OLIN INDUSTRIES, INC.

Box Bottom



- S-1 **.22 SHORT.** "SUPER-X EXTRA CLEAN WAX COATED". Yellow and blue box with red and black printing. One-piece box with end flaps. "SU-1" h/s. Copper washed bullets. Variations noted:
- (a) Product code K1208R on side. Nickeled cases. 10 patents listed on the bottom.
 - (b) Product code K1208R on side. Nickeled cases. No patents listed on the back.
 - (c) Product code SX22S on ends. Brass cases.
- S-2 **.22 SHORT (HOLLOW POINT).** "SUPER-X EXTRA CLEAN WAX COATED". Same as S-1 except for hollow point wording on the top and ends. Product code K1209R on side. No patents listed on the bottom.

Western Cartridge Co.

Division of Olin Industries, Inc
1946-56 "SUPER-X" Issues

L-1



LR-1



LR-2



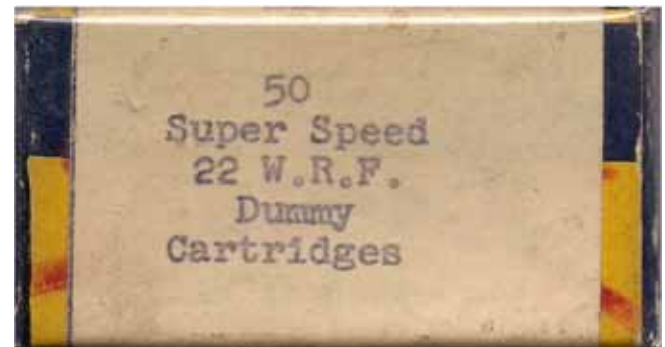
LR-4



WRF-1



WRF-2



Division of Olin Industries, Inc
1946-56 "SUPER-X" Issues

- L-1 **.22 LONG.** "SUPER-X EXTRA CLEAN WAX COATED". Blue and yellow box with red and black printing. One-piece box with end flaps. "SU-1" h/s on a brass case. copper washed bullets. Variations noted:
- (a) Product code K1261R on side. No patents listed on bottom.
 - (b) Product code K1261R on side. 10 patents listed on bottom.
 - (c) Product code SX22L on ends. No patents on the bottom.
- LR-1 **.22 LONG RIFLE.** "SUPER-X EXTRA CLEAN WAX COATED". Blue and yellow box with red and black printing. One-piece box with end flaps. "SU-1" h/s on a nickel case. Copper washed bullet. Variations noted:
- (a) Product code K1225R on side. 10 patents listed on bottom.
 - (b) Product code K1225R on side No patents listed on bottom.
 - (c) Same as (b) except side wording starts with LUBALOY, whereas (b) starts with BULLETS.
 - (d) Product code SX22LR on ends.
- LR-2 **.22 LONG RIFLE. (HOLLOW POINT).** Same as LR-1 except for the hollow point wording on the top and ends. Variations noted:
- (a) Product code K1226R on side. No patents listed on bottom.
 - (b) Product code K1226R on side 10 patents listed on bottom.
 - (c) Product code SX22LRH on ends.
- LR-4 **.22 LONG RIFLE (SHOT).** "SUPER-X EXTRA CLEAN WAX COATED". Yellow and blue box with red and black printing. One-piece box with end flaps. "SU-1" h/s on a nickel washed brass case. Rose-crimped. Variations noted:
- (a) Product code K1268R on side. No patents listed on bottom.
 - (b) Product code SX22LRS on ends.
- WRF-1 **.22 WIN. RIM FIRE.** "SUPER-Z" Yellow and blue box with red and black printing. One-piece box with end flaps. "SU-1" h/s on a nickel washed brass case. Copper washed bullet. Variations noted:
- (a) Product code K1234R on side. Nickered cases.
 - (b) Product code SX22WRF on side. Brass cases.
 - (c) Product code SX22WRF on ends. Brass cases.
- WRF-2 **.22 WIN. RIM FIRE (DUMMY).** Same as WRF-1 except a white label has been wrapped around box and is printed in blue ink. Nickered cases.

Winchester-Western—Olin Mathieson Chemical Corp.
1955- "SUPER-X" Issues

S-1



S-1.5



S-2



L-1



Winchester-Western—Olin Mathieson Chemical Corp.
1955- "SUPER-X" Issues

In 1955 the advertisements of Western indicated the ownership of Western. This combination lasted until approx. 1960. Otherwise, the product line continued almost without change.



Box Bottom



- S-1 **.22 SHORT.** (HIGH VELOCITY). "SUPER-X" Yellow and blue box with red and black printing. One-piece box with end flaps. Product code SX22S on ends. "SU-1" h/s. Copper washed bullets. Variations noted:
- (a) Nickel washed brass case.
 - (b) Brass cases.



- S-1.5 **.22 SHORT.** (HIGH VELOCITY). "SUPER-X" . Same as S-1 except Trade Mark has a dash between Trade & Mark. Front states Lubaloy bullets.



- S-2 **.22 SHORT (HOLLOW POINT).** Same as S-1 except for the hollow point wording on top and ends. Product code SX22SH on ends. Nickerled cases.

- L-1 **.22 LONG (HIGH VELOCITY).** "SUPER-X". Yellow and blue box with red and black printing. One-piece box with end flaps. Product code SX22L on ends. "SU-1" h/s on a brass case. Copper washed lead bullet.

Winchester-Western—Olin Mathieson Chemical Corp.
1955- "SUPER-X" Issues

LR-1



LR-2



LR-4



WRF-1



**Winchester-Western—Olin Mathieson Chemical Corp.
1955- "SUPER-X" Issues**

- LR-1 **.22 LONG RIFLE (HIGH VELOCITY).** "SUPER-X". Yellow and blue box with red and black printing. One-piece box with end flaps. Product code SX22LR on ends. "SU-1" h/s on a brass case. Copper washed bullets.
- LR-2 **.22 LONG RIFLE (HOLLOW POINT).** Same as LR-1 except for hollow point wording on top and ends. Product code SX22LRH on ends.
- LR-4 **.22 LONG RIFLE (SHOT).** "SUPER-X". Yellow and blue box with red and black printing. One-piece box with end flaps. Product code SX22LRS on the ends. "SU-1" h/s on a rose crimped brass case.



- WRF-1 **.22 WIN. RIM FIRE. (HIGH VELOCITY).** "SUPER-X". Yellow and blue box with red and black printing. One-piece box with end flaps. Product code SX22WRF on the ends. "SU-1" h/s on a brass case. Copper washed lead bullet.

Western Cartridge Co.

East Alton, ILL
"SUPER-X" TRADE MARK at Top Issues

S-1



L-1



Western Cartridge Co.

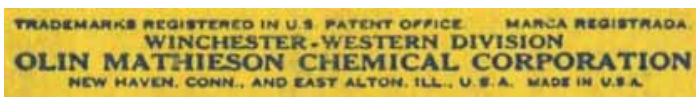
East Alton, ILL "SUPER-X" TRADE MARK at Top Issues



Bottom #1



Bottom #2



S-1 **.22 SHORT.** "SUPER-X EXTRA CLEAN WAX COATED". Yellow and blue box with red and black printing. One-piece box with end flaps. Product code SX22S on ends. "SU-1" h/s. Copper washed bullets. No patents on bottom.

- (a) Bottom #2
- (b) Bottom #1 but MADE in USA on left side.

L-1 **.22 LONG.** "SUPER-X EXTRA CLEAN WAX COATED". Yellow and blue box with red and black printing. One-piece box with end flaps. Product code SX22L on ends. "SU-1" h/s. Copper washed bullets. No patents on bottom. Variations noted:

- (a) Bottom #1
- (b) Bottom s#2

Western Cartridge Co.

East Alton, ILL
1960- "SUPER-X" Issues

S-1



S-2



L-1



East Alton, ILL
1960- "SUPER-X" Issues

In 1960, Western introduced a new style of boxes for their SUPER-X product line. This box was continued until 1962. when the warning was added to the top. During this period, the Olin Mathieson name was dropped from the bottom.

"A" Bottom



"B" Bottom



S-1 **22 SHORT.** (HIGH VELOCITY). "SUPER-X". Yellow box with red and white printing. One-piece box with end flaps. Product code SX22S on the ends. "SU-I" h/s on a brass case. Copper washed lead bullet. Variations noted:

- (a) "A" bottom.
- (b) "B" bottom.



S-2 **22 SHORT (HOLLOW POINT).** "SUPER-X". Same as S-1 except for hollow point wording on the ends. Product code SX22SH on the ends. Variations noted:

- (a) "A" bottom.
- (b) "B" bottom.



L-1 **22 LONG (HIGH VELOCITY).** "SUPER-X". Yellow box with red and white printing. One-piece box with end flaps. Product code SX22L on the ends. "SU-I" h/s on a brass case. Copper washed lead bullet. Variations noted:

- (a) "A" bottom.
- (b) "B" bottom.



LR-1



LR-2



SIMULATED

LR-3



LR-5



East Alton, ILL
1960- "SUPER-X" Issues

- LR-1 **.22 LONG RIFLE (HIGH VELOCITY).** "SUPER-X". Yellow box with red and white printing. One-piece box with end flaps. Product code SX22LR on the ends. "SU-1" h/s on a brass case. Copper washed bullet. Variations noted:
- (a) "A" bottom.
 - (b) "B" bottom.
- LR-2 **.22 LONG RIFLE (REFERENCE).** Same as LR-1 except a white label with black printing has been applied to the top. This is loads supplied to S.A.A.M.I. for reference testing.
- LH-3 **.22 LONG RIFLE. (HOLLOW POINT).** "SUPER-X". Same as LR-1, except for hollow point wording on the ends. Product code SX22LRH on ends. Variations noted:
- (a) "A" bottom.
 - (b) "B" bottom.
- LR-5 **.22 LONG RIFLE. (SHOT).** "SUPER-X". Yellow box with red and white printing. One-piece box with end flaps. Product code SX22LRS on ends. "SU-1" h/s on a rose crimped brass case. Variations noted:
- (a) "A" bottom.
 - (b) "B" bottom.



Western Cartridge Co.

East Alton, ILL
1960- "SUPER-X" Issues

WA-1



WRF-1



WCC-11

WA-1 .22 WIN. AUTO. (STANDARD VELOCITY). "WESTERN". Yellow box with red and white printing. One-piece box with end flaps. . Product code A22 on ends. "2-1" h/s on a brass case. Copper washed lead bullet. Variations noted:

- (a) "A" bottom.
- (b) "B" bottom.



WRF-1 .22 WIN. RIM FIRE. "SUPER-X". Yellow box with red and white printing. One-piece box with end flaps. Product code SX22WRF on ends. "SU-1" h/s on a brass case. Copper washed lead bullet. Variations noted:

- (a) "A" bottom.
- (b) "B" bottom.



Western Cartridge Co.

East Alton, ILL
1960- "SUPER-X" Issues

WMR-1



WMR-2



WMR-3



WMR-4



East Alton, ILL
1960- "SUPER-X" Issues

WMR-1 .22 WIN. MAGNUM RIM FIRE. "SUPER-X". Yellow box with red, white and blue printing. One-piece box with end flaps. Product code SX22WMR on ends. "SU-1" h/s on a brass case. 40 Gr. jacketed hollow point expanding bullet. Bullet data on sides of box.



WMR-2 .22 WIN. MAGNUM RIM FIRE. "SUPER-X". Same as WMR-1 except top no longer reads 50 LONG RANGE RIM FIRE CARTRIDGES. "B" bottom.



WMR-3 .22 WIN. MAGNUM RIM FIRE. "SUPER-X". Same as WMR-2 except ends now read FULL METAL CASE BULLET. Product code SX22WMR on ends. "B" bottom.



WMR-4 .22 WIN. MAGNUM RIM FIRE (PROOF). "SUPER-X". Same as WMR-1 except over-label added to top stating "HIGH PRESSURE"



S-1 (b)



S-2



S-3 (a)



S-8



East Alton, ILL 1962- "SUPER-X" Issues

This issue is the same as the 1960 issue, except the top of the box now has a Consumers Products warning. This style of box was continued until replaced by the white box issues in 1971.

NOTE: All boxes have "A" bottom unless noted.

"A" Bottom



"B" Bottom



S-1 **.22 SHORT (HIGH VELOCITY).** "SUPER-X". Yellow and white box with red and blue printing. One-piece box with end flaps. Product code SX22S on the ends. "SU-1" h/s on a brass case. Copper washed lead bullet. Variations noted:

- (a) Light yellow box.
- (b) Dark yellow box.



S-2 **.22 SHORT (DUMMY).** Same as S-1 except a white wrap-around label which states ACTION PROVING DUMMY ROUNDS. Black case with a hole in the case.



S-3 **.22 SHORT (HOLLOW POINT).** Same as S-1 except for hollow point wording on the ends. Product code SX22SHP on the ends. Variations noted:

- (a) Light yellow box.
- (b) Dark yellow box.
- (c) "B" bottom.



S-8 **.22 SHORT (PROOF).** Same as S-1 except a white wrap-around label which states HIGH PRESSURE DEFINITIVE PROOF CARTRIDGES.



Western Cartridge Co.

East Alton, ILL
1962- "SUPER-X" Issues

L-1



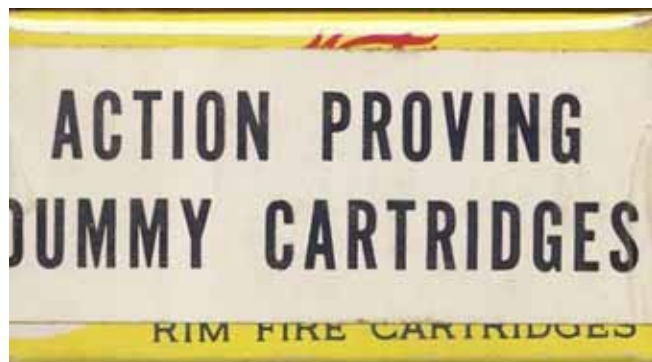
L-1.1



L-1.1 Bottom



L-2



East Alton, ILL
1962- "SUPER-X" Issues

L-1 .22 LONG (HIGH VELOCITY). "SUPER-X". Yellow and white box with red and blue printing. One-piece box with end flaps. Product code SX22L on ends. "SU-1" h/s on a brass case. Copper washed lead bullet. Variations noted:

- (a) Light yellow box.
- (b) Dark yellow box.
- (c) "B" bottom.



L-1.1 .22 LONG (HIGH VELOCITY). "SUPER-X". This box is an L-1 but it has no blue printing on it.



L-2 .22 LONG (DUMMY). Same as L-1 except for a white label which states ACTION PROVING DUMMY CARTRIDGES. Black cases with hole in base.



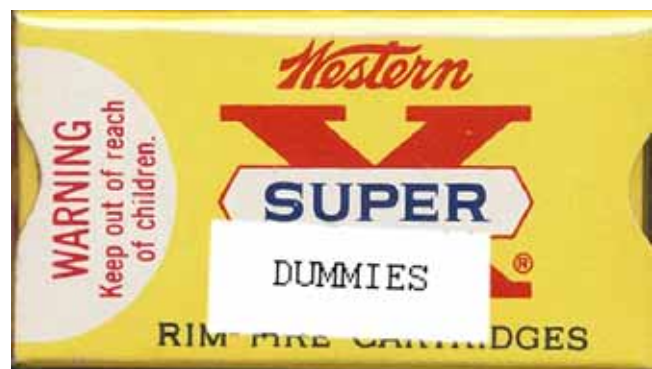
Western Cartridge Co.

East Alton, ILL
1962- "SUPER-X" Issues

LR-1



LR-2



SIMULATED

LR-3



LR-5



East Alton, ILL
1962- "SUPER-X" Issues

- LR-1 .22 LONG RIFLE (HIGH VELOCITY). "SUPER-X". Yellow and white box with red and blue printing. One-piece box with end flaps. Product code SX22LR on ends. "SU-1" h/s on a brass case. Copper washed lead bullet. Variations noted:
- (a) Light yellow box.
 - (b) Dark yellow box.
 - (c) "B" bottom.
- LR-2 .22 LONG RIFLE (DUMMY). Same as LR-1 except a white label has been added to the top stating DUMMIES. Black case with a hole in the base.
- LR-3 .22 LONG RIFLE (HOLLOW POINT). "SUPER-X". Same as LR-1, except for hollow point wording~ on the ends. Product code SX22LRH on the ends.
- LR-5 .22 LONG RIFLE (SHOT). "SUPER-X". Yellow and white box with red and blue printing. One-piece box with end flaps. Product code SX22LRS on the ends. "SU-1" h/s on a rose crimped brass case. Variations noted:
- (a) Light yellow box.
 - (b) Dark yellow box.
 - (c) "B" bottom.



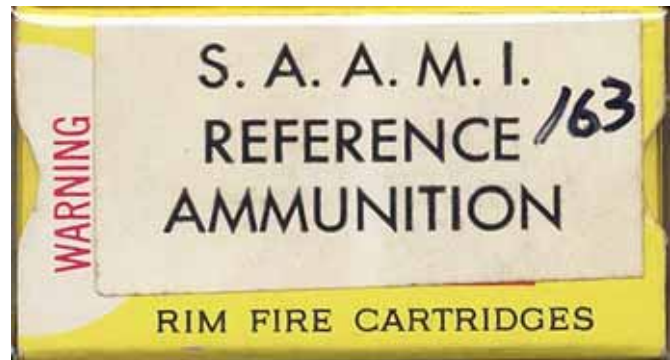
Western Cartridge Co.

East Alton, ILL
1962- "SUPER-X" Issues

LR-6



LR-7



LR-8



LR-8 Bottom



LR-9



LR-9 Bottom



LR-10



East Alton, ILL
1962- "SUPER-X" Issues

LR-6 .22 LONG RIFLE (HIGH VELOCITY). "SUPER-X". Same as LR-1 except for white over-label in black ink stating ACTION PROVING DUMMY CARTRIDGES



LR-7 .22 LONG RIFLE (HIGH VELOCITY). "SUPER-X". Same as LR-1 except for white over-label in black ink stating S.A.A.M.I. REFERENCE AMMUNITION



LR-8 .22 LONG RIFLE (HIGH VELOCITY). "SUPER-X". LR-1 box with printing error. No blue ink.



LR-9 .22 LONG RIFLE (HOLLOW POINT) (HIGH VELOCITY). "SUPER-X". LR-3 box with printing error. No red ink.



LR-10 .22 LONG RIFLE (SHOT) (HIGH VELOCITY). "SUPER-X". LR-5 box with over-stamp in black ink stating "EMPLOYEE USE ONLY".



Western Cartridge Co.

East Alton, ILL
1962- "SUPER-X" Issues

WA-1



WA-1.5



WA-2



WRF-1



WCC-12

East Alton, ILL
1962- "SUPER-X" Issues

WA-1 **.22 WIN. AUTO.** "WESTERN". Yellow and white box with red and blue printing. One-piece box with end flaps. Product code A22 on the ends. "2-1" h/s on a brass case. Copper washed lead bullet. Variations noted:

- (a) Light yellow box.
- (b) Dark yellow box.



WA-1 **.22 WIN. AUTO.** "WESTERN". Same as WA-1 except last line on bottom reads "Olin Mathieson Chemical Corporation".



WA-2 **.22 WIN. AUTO.** "WESTERN". Same as WA-1 except it has a white over-label with black ink stating S.A.A.M.I. REFERENCE AMMUNITION.



WRF-1 **.22 WIN. RIM FIRE.** "SUPER-X". Yellow and white box with red and blue printing. One-piece box with end flaps. Product code SX22WRF on the ends. "SU-1" h/s on a brass case. Copper washed lead bullet. Variations noted:

- (a) Light yellow box.
- (b) Dark yellow box.



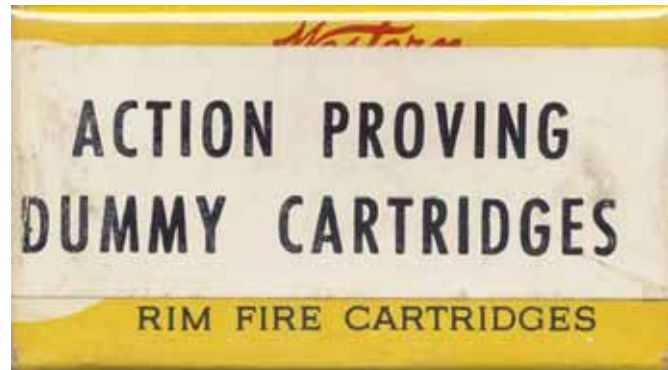
Western Cartridge Co.

East Alton, ILL
1962- "SUPER-X" Issues

WMR-1



WMR-2



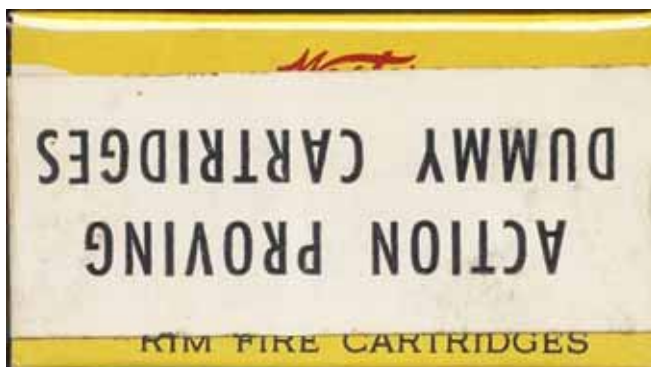
WMR-3



WMR-4



WMR-5



East Alton, ILL
1962- "SUPER-X" Issues

WMR-1 **.22 WIN. MAGNUM RIMFIRE.** "SUPER-X" Yellow and white box with red and blue printing One piece box with end flaps. Product code SX22WMR on the ends. "SU-1" h/s on a brass case. Jacketed hollow point bullet.

- (a) Light yellow box with "A" bottom.
- (B) Dark yellow box with "B" bottom.



WMR-2 **.22 WIN. MAGNUM RIMFIRE (DUMMY).** Same as WMR-1 except a White wrap-around label has been added stating ACTION PROVING DUMMY CARTRIDGES. Black case with a hole in the base.



WMR-3 **.22 WIN. MAGNUM RIMFIRE.** "SUPER-X". Same as WMR-1 except FULL METAL CASED BULLETS on the ends. Product code SX221MR1 on the ends.



WMR-4 **.22 WIN. MAGNUM RIMFIRE.** "SUPER-X". Same as WMR-1 except white over-label stating "S.A.M.M.I. REFERENCE AMMUNITION". Contents unknown.



WMR-5 **.22 WIN. MAGNUM RIMFIRE.** "SUPER-X". Same as WMR-3 except White over-label with black ink stating S.A.A.M.I. REFERENCE AMMUNITION.

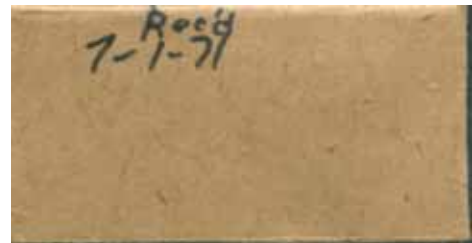


Boxes made for 1972 Trial Evidence

L-1



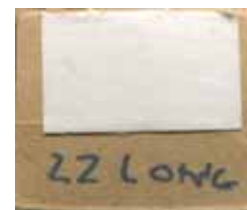
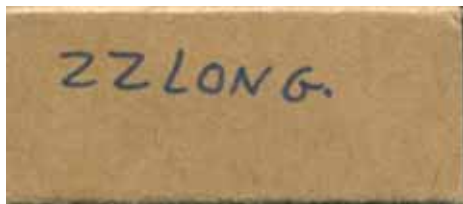
LR-1



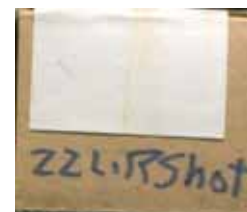
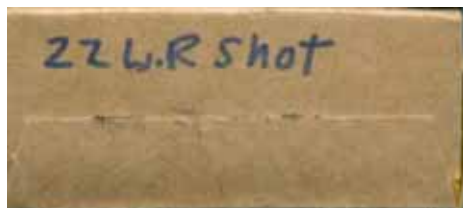
Boxes made for 1972 Trial Evidence

These boxes were made up by Western for a trial in 1972 to be used as evidence to determine if a .22 long Rifle Shot cartridge would go in a .22 Long chamber.

- L-1 **.22 LONG (SHOT).** "DUMMY". White military box turned inside out. Blackened case with "W-5" h/s. Hole in base.



- L-1 **.22 LONG RIFLE (SHOT).** "DUMMY". Yellow Super-X box turned inside out.. Specially produced for court trial. "W-5" h/s on a blackened case. Hole in base.



Western Cartridge Co.

East Alton, ILL
1971- "SUPER-X" Issues

S-1



S-2

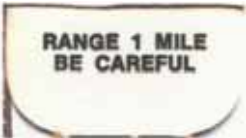

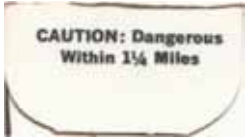

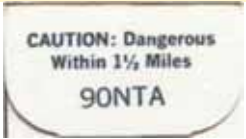
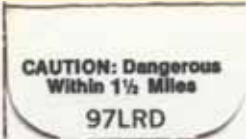
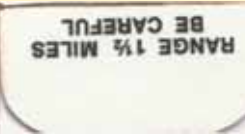

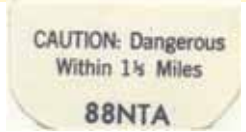

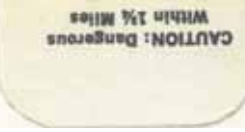
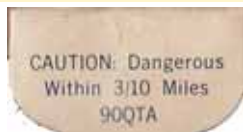


S-3



East Alton, ILL
1971- "SUPER-X" Issues

In 1971, Western redesigned their boxes to an all white box. Gone were the X-PERT standard velocity loadings and introduced were the T-22I s. This style remained in the line without change until approx. 1977. Note: No frame line around warning.

FLAP WARNINGS			
A	B	C	D
			
E	F	G	H
			
I	J	K	L
			

S-1 .22 SHORT (HIGH VELOCITY). "SUPER-X". White box with red and black printing. One-piece box with end flaps. Product code SX22S on the ends. "SU-1" h/s on a brass case. Copper washed bullet.

- (a) Flap A
- (b) Flap C



S-2 .22 SHORT (HOLLOW POINT). "SUPER-X". Same as S-1, except for hollow point wording on the ends. Product code SX22SH on the ends. Flap C.



S-3 .22 SHORT (PROOF). "SUPER-X". Same as S-1, except for white over-label stating box is a "pressure definitive proof cartridges".



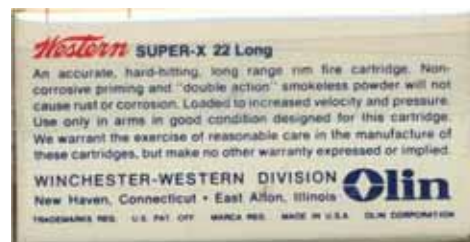
Western Cartridge Co.

East Alton, ILL
1971- "SUPER-X" Issues

L-1



L-2



Western Cartridge Co.

East Alton, ILL 1971- "SUPER-X" Issues

- L-1 .22 LONG (HIGH VELOCITY). "SUPER-X". White box with black printing. One-piece box with end flaps. Product code SX22L on the ends. "SU-1" h/s on a brass case. Copper washed lead bullet.. Flap A.



- L-1 .22 LONG (HIGH VELOCITY). "SUPER-X". Same as L-1 but different bottom.. Flap I.



LR-1



LR-2



LR-2.5



LR-3



LR-4



LR-1 **.22 LONG RIFLE (HIGH VELOCITY).** "SUPER-X". White box with red and black printing. One-piece box with end flaps. Product code SX22LR on the ends. "SU-1" h/s on a brass case. Copper washed lead bullets.

- (a) Flap A
- (b) Flap C



LR-2 **.22 LONG RIFLE (DUMMY).** Same as LR-1 except a white wraparound label has been added to the box stating ACTION PROVING DUMMY CARTRIDGES. Flap E.



LR-2.5 **.22 LONG RIFLE (DUMMY).** Same as LR-1 except a white wraparound label has been added to the box stating "S.A.A.M.I. REFERENCE AMMUNITION."



LR-3 **.22 LONG RIFLE (EXPERIMENTAL).** Approximately the same as LR-1 except packed in experimental one-piece, lift top box. Product code SX22LR on the ends. Note: this box has the 1962 style warning on the top.

LR-4 **.22 LONG RIFLE (HOLLOW POINT).** "SUPER-X". Same as LR-1 except for hollow point wording; on the ends. Product code SX22LRH on the ends.



LR-4.5



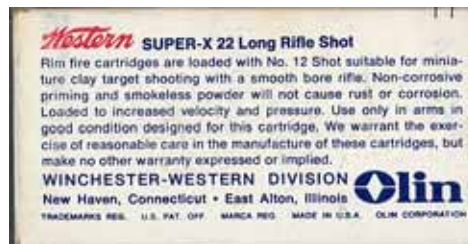
LR-5



LR-6



LR-7



East Alton, ILL
1971- "SUPER-X" Issues

LR-4.5 .22 LONG RIFLE (PROOF). Same as LR-1 except a white wraparound label has been added stating in red ink PRESSURE DEFINITIVE PROOF CARTRIDGES - --. Box is sealed, so contents are unknown.



LR-5 .22 LONG RIFLE (DYNAPPOINT). "SUPER-X". Same as LR-4 except top and ends now read DYHAPPOINT. This is a special style of hollow point bullet. Product code SX22LRD on the ends.



LR-6 .22 LONG RIFLE (HOLLOW POINT). "SUPER-X EXPORT". LR-4 box with EXPORT to CANADA over-label.. Product code SX22LRH on the ends. Flap F



LH-7 .22 LONG RIFLE (SHOT). "SUPER-X". White box with red and black printing. One-piece box. with end flaps. Product code SX22LRS on the ends. "SU-1" h/s on a rose crimped brass case.

- (a) Flap A
- (b) Flap H
- © Flap L



WRF-1



WRF-2



Western Cartridge Co.

East Alton, ILL 1971- "SUPER-X" Issues

WRF-1 **.22 WIN. RIM FIRE.** "SUPER-X". White box with red and black printing. One-piece box with end flaps. Product code SX22WRF on the ends. "SU-1" h/s on a brass case. Copper washed lead bullet.

- (a) Flap A
- (b) Flap C



WRF-2 **.22 WIN. RIM FIRE (DUMMY).** "SUPER-X-". Same as WRF-1 except over-label stating "S.A.A.M.I. REFERENCE AMMUNITION". Product code SX22WRF on the ends. "SU-1" h/s on a brass case. Copper washed lead bullet.



WMR-1



WMR-1.5



WMR-2



WMR-3



WMR-4



East Alton, ILL
1971- "SUPER-X" Issues

WMR-1 .22 WIN. MAGNUM RIMFIRE (HOLLOW POINT). "SUPER-X". White box with red and black printing. One-piece box with end flaps. Product code SX22WMR on the ends. "SU-1" h/s on a brass case. Jacketed hollow point bullets. Flap G



WMR-1 .5 .22 WIN. MAGNUM RIMFIRE (HOLLOW POINT). "SUPER-X". Same as WMR-1 but different bottom. Flap K



WMR-2 .22 WIN. MAGNUM RIMFIRE. "SUPER-X". Same as WMR-1 except ends now read FULL METAL CASE BULLETS. Product code SX22WMR1 Flap G



WMR-3 .22 WIN. MAGNUM RIMFIRE (PROOF). "SUPER-X". Same as WMR-2 except white over-label in red printing stating they are "Pressure Definitive Cartridges". Flap G



WMR-4 .22 WIN. MAGNUM RIMFIRE. (DUMMY) "SUPER-X". Same as WMR-1 except white over-label in black printing stating Action Proving Dummy Cartridges. Flap G



East Alton, ILL
1975- "PLASTIC BOX" With Hang Tags

LR-1



LR-2



Western Cartridge Co.

East Alton, ILL 1975- "PLASTIC BOX" With Hang Tags

Approx. 1975, Western introduced a 100 round plastic box to respond to the boxes made by C.C.I.

LR-1 **.22 LONG RIFLE (HIGH VELOCITY).** "EXTRA POWER". Red tint plastic box with a clear plastic lid. White and blue insert with red and blue printing. Product code SX22LR1 on the top. "SU-1" h/s on a brass case. Copper washed lead bullet with 2K,1S.

LR-1 **.22 LONG RIFLE (HIGH VELOCITY).** "EXTRA POWER". Similar to LR-1 except for different SUPER-X logo on top and no insert on bottom.



Western Cartridge Co.

East Alton, ILL
1975- "PLASTIC BOX" With Hang Tags

LR-3



WCC-14A

East Alton, ILL
1975- "PLASTIC BOX" With Hang Tags

LR-3 **.22 LONG RIFLE (HOLLOW POINT).** "EXTRA POWER". Red tint plastic box with a clear plastic lid. White and red insert with red and blue printing. Product code SX22LRH1 on the top.



East Alton, ILL
1975- "PLASTIC BOX" With Partial Wrap-Around Labels

LR-3



LR-4



East Alton, ILL
1975- "PLASTIC BOX" With Partial Wrap-Around Labels

- LR-3 .22 LONG RIFLE (HIGH VELOCITY). "EXTRA POWER".
Transparent red box with a clear sliding lid. White and blue partial wrap-around end label which is glued in place. Product code SX22LR-1.



- LR-4 .22 LONG RIFLE (HOLLOW POINT). "EXTRA POWER". Transparent red box with a clear sliding lid. White and red partial wrap-around end label which is glued in place. Product code SX22LR-1.



East Alton, ILL
1975- "PLASTIC BOX" Solid Red bottoms

LR-1



LR-2



Western Cartridge Co.

East Alton, ILL 1975- "PLASTIC BOX" Solid Red bottoms

LR-1 **.22 LONG RIFLE (HIGH VELOCITY).** "EXTRA POWER". Solid red box with a clear sliding lid. White and blue partial wrap-around end label which is glued in place. Product code SX22LR-1. SU-1 h/s on a brass case. Lubaloy coated bullet.



LR-2 **.22 LONG RIFLE(HIGH VELOCITY).** "EXTRA POWER". Same as LR -32except for different bottom



East Alton, ILL
1975- "PLASTIC BOX" Solid Red bottoms

LR-3



LR-4



East Alton, ILL
1975- "PLASTIC BOX" Solid Red bottoms

LR-3 .22 LONG RIFLE (HOLLOW POINT). "EXTRA POWER". Solid red box with a clear sliding lid. White and red partial wrap-around end label which is glued in place. Product code SX22LRH1. SU-1 h/s on a brass case. Lubaloy coated bullet.



LR-4 .22 LONG RIFLE (HOLLOW POINT). "EXTRA POWER". Same as LR-3 except for different bottom



S-1



S-2



L-1



Western Cartridge Co.

East Alton, ILL 1978- "SUPER-X" Issues

Approximately 1978 Western modified their boxes in order to put a frame line around the warning on the top. This style continued until the end of Western production in approx. 1980, when the boxes started showing the WINCHESTER-WESTERN logos.

S-1 **.22 SHORT (HIGH VELOCITY).** "SUPER-X". White box with red and black printing. One-piece box with end flaps. Product code SX22S on the ends. "SU-1" h/s on a brass case. Copper washed lead bullet.



S-2 **.22 SHORT (HOLLOW POINT).** "SUPER-X". Same as S-1 except for hollow point wording on the ends. Product code SX22SH on ends.



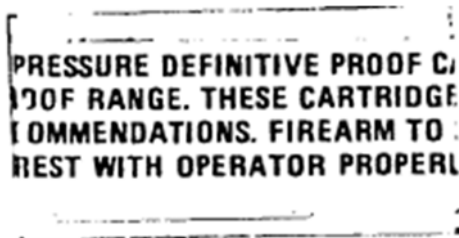
L-1 **.22 LONG (HIGH VELOCITY).** "SUPER-X". White box with red and black printing. One-piece box with end flaps. Product code SX22L on the ends. "SU-1" h/s on a brass case. Copper washed lead bullet.



LR-1



LR-2



LR-3



LR-4



East Alton, ILL
1978- "SUPER-X" Issues

- LR-1 **.22 LONG RIFLE (HIGH VELOCITY).** "SUPER-X". White box with red and black printing. One-piece box with end flaps. Product code SX22LR on the ends. "SU-1" h/s on a brass case. Copper washed lead bullet.



- LR-2 **.22 LONG RIFLE (PROOF).** Same as LR-1 except for white wrap-around label with red printing stating PRESSURE DEFINITIVE PROOF CARTRIDGES ---. Box is sealed, so contents are unknown.

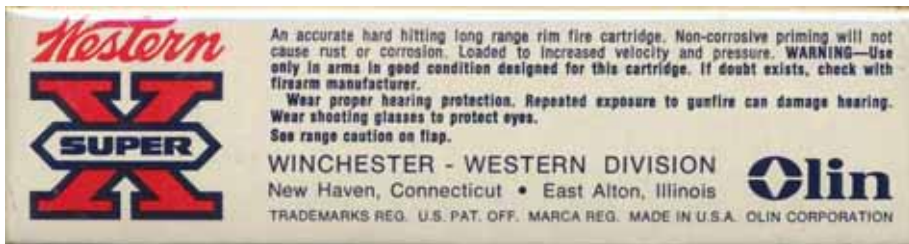
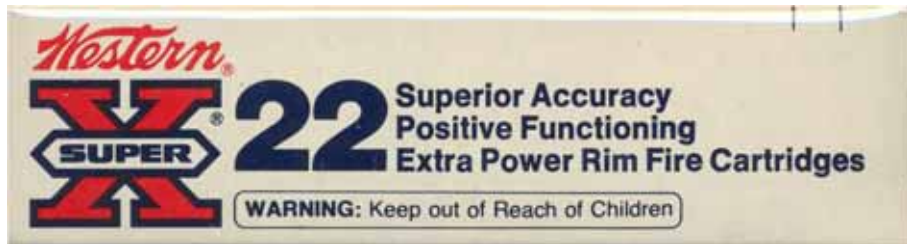
- LR-3 **.22 LONG RIFLE (HOLLOW POINT).** "SUPER-X". Same as LR-1 except for hollow point wording on the ends. Product code SX22LRH on the ends.



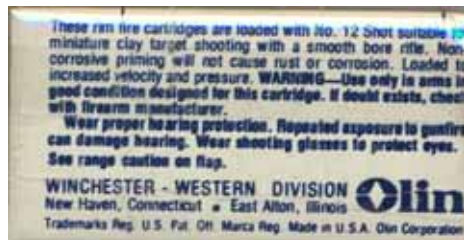
- LR-4 **.22 LONG RIFLE (DYNAPOINT).** "SUPER-X" Same as LR-3, except. for DYNAPOINT wording on the top and ends. Product code SX22LRD on the ends



LR-5



LR-7



WMR-1



WMR-2



East Alton, ILL
1978- "SUPER-X" Issues

LR-5 .22 LONG RIFLE (EXPERIMENTAL). "SUPER-X". White box of 100 rounds with red and black printing. Experimental one-piece box with end flaps. Product code SX22LR1 on the ends. The box contains dummy cartridges with a "SU-1" h/s on a black brass case with a hole in the base. Copper washed lead bullet with 3K,1S.



LR-7 .22 LONG RIFLE (SHOT). "SUPER-X". White box with red and black printing. One-piece box with end flaps. Product code SX22LRS on the ends. "SU-1" h/s on a rose crimped brass case.



WMR-1 .22 WIN. MAGNUM RIMFIRE (HOLLOW POINT). "SUPER-X". White box with red and black printing. One-piece box with end flaps. Product code SX22WMR on the ends. "SU-1" h/s on brass case. Jacketed hollow point bullet.

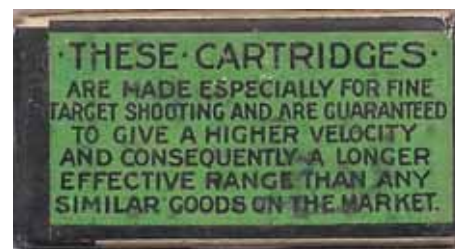


WMR-2 .22 WIN. MAGNUM RIMFIRE. "SUPER-X". Same as WMR-1 except the ends now read FULL METAL CASE BULLETS. Product code SX22MR1 on the ends.



"INDOOR GALLERY TARGET" Issues

S-1



S-2



S-3



S-3.2



S-3.4



"INDOOR GALLERY TARGET" Issues

Western was late to the indoor gallery target shooting game and their Midwest location and, at that time, localized distribution did not allow their ammunition to be used by most of the early shooting galleries, which were located in the northeast section of the U.S.A.

It is not known if these were special loadings or just a different label added for marketing reasons. Special Gallery loadings were generally produced for the true shooting galleries where shooters gathered for competition and not for the late commercial galleries such as can still be noted at amusement parks.

MALTESE CROSS ISSUES

This box still contains the format of the Union Cap and Chemical Company which was one of the companies that Frank Olin purchased to form the Western Cartridge Company. This box style was discontinued about 1910. This issue was loaded with black powder.

- S-1 **.22 SHORT (TARGET).** "GALLERY SPECIAL". Red, green and black label with white and black printing. Buff, two-piece, full cover box. Full wrap-around end label. "N-1" h/s on a copper case. Lead bullets.



DIAMOND LOGO ISSUES

This box style was produced from about 1915 to 1926. The Gallery Specials were continued into this era. Lesmok powder and Nublend powders were added to the product offering. Nublend was a semi-smokeless powder developed for the National Cartridge Company

- S-2 **.22 SHORT (TARGET).** "NUBLEND GALLERY SPECIAL". Green and black label with black and white printing. Buff, two-piece, full cover box. Full wrap-around end label. "2-1" h/s on a copper case.



- S-3 **.22 SHORT (TARGET).** "GALLERY SPECIAL". Green and black label with red, white and black printing. Buff, two-piece, full cover box. Full wrap-around end label. "2-1" h/s on a copper case. Lead bullets. This was probably a black powder loading.



- S-3.2 **.22 SHORT (TARGET).** "GALLERY SPECIAL". Same as S-3 but MFGD BY was added to the top.



- S-3.4 **.22 SHORT (TARGET).** "GALLERY SPECIAL". Same as S-3.2 but no THE on the Western signature line on bottom.



"INDOOR GALLERY TARGET" Issues

S-3.6



S-3.8



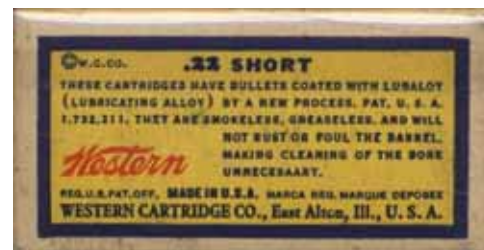
S-4



S-5



S-6



"INDOOR GALLERY TARGET" Issues

S-3.6 **.22 SHORT (TARGET).** "GALLERY SPECIAL". Same as S-3.4 but smaller font used on bottom.



S-3.8 **.22 SHORT (TARGET).** "GALLERY SPECIAL". Same as S-3.6 but different font used on bottom.



S-4 **.22 SHORT (TARGET).** "LESMOK GALLERY SPECIAL". Green and black label with red, white and black printing. Buff, two-piece, full cover box. "2-1" h/s on a copper case. Lead bullets.



S-5 **.22 SHORT (TARGET).** "LESMOK GALLERY SPECIAL". Similar to S-4 except LESMOK Powder and MFGD BY has been moved



1927 NON-CORROSIVE ISSUE

In 1927 Western introduced the first of their non-corrosive primed .22 rimfires. At that time they switched from a two-piece to a one-piece box. They also introduced a new format to their package which the collectors refer to as the "bullseye" issues.

It would seem that for a short period of time they continued their "Gallery Special" loadings. Boxes are somewhat rare, so they could not have been produced too long before they were discontinued. The indoor target era was changing and the need for this issue just wasn't there. the use of the .22 short was rapidly losing favor. Indoor shooters were starting to use the .22 long rifle cartridge.

S-6 **.22 SHORT (TARGET).** "SMOKELESS GALLERY SPECIAL". Yellow, blue and white box with red, black and white printing. White over label with black printing. One-piece box with end flaps. No product code. "2-1" h/s on a copper case. Lead bullets. No end flap warning.

"COMMERCIAL GALLERY" Issues

Bottom "A"



Bottom "B"



Bottom "C"



Bottom "D"



Bottom "E"



"COMMERCIAL GALLERY" Issues

The Indoor gallery offhand era of the 1800's grew into the Indoor Schuetzen era as the rifle and ammunition became more accurate. During the 1900's, gallery shooting did not go away, but moved to the amusement parks and the county fairs. There you paid 25 cent for 5 shots from a slide action Remington or Winchester' rifle. Instead of winning a metal, you won a teddy bear for your favorite girl.

The need was not for highly accurate loading for this sport, but low cost ammunition. There was also a need for a bullet that would not bounce back from the metal back stop, but would spatter on it. It would not be sporting to injure the shooter while he was paying good money to use your equipment. Western responded to this need with their line of special amusement park gallery issues which they named KANT-SPLASH. First introduced in 1932, they remained in the product line until the 1960's.

The bullets were produced from a pressed composition material that would spatter, or break up, on impact. Many different bullet finishes and lubrications were used over the years. Nickel washed cases were used to denote the KANT-SPLASH loading during the early years.

S-1



1932 "BULLSEYE" NON-CORROSIVE ISSUES

The first of the KANT-SPLASH issues used the then current "Bullseye" non-corrosive format of that period. While most of the gallery issues were bulk packed, some of the early boxes were packed 50 to a box. The composition bullets were finished with Western's then new LUBALOY finish. This was a copper plating of the bullet. The bullet weight was 29 grains.

- S-1 **.22 SHORT (GALLERY). "KANT-SPLASH".** Blue, yellow and white box with red, white and black printing. One-piece box with end flaps. "2-1" h/s on a blackened nickel case. Product code K1211R on the side. Composition bullet with 2K,1S. Variations noted:
- (a) "A" bottom. End flap CAUTION DANGEROUS WITHIN 1 MILE.
 - (b) "B" bottom. End flap CAUTION DANGEROUS WITHIN 1 MILE.
 - (c) "C" bottom. End flap RANGE 1 MILE BE CAREFUL
 - (d) "D" bottom.
 - (e) "E" bottom.

"COMMERCIAL GALLERY" Issues
1000 Round Boxes

S-4



S-4.4



S-4.6



"COMMERCIAL GALLERY" Issues
1000 Round Boxes

- S-4 **.22 SHORT (GALLERY).** "KANT-SPLASH GREASED DISINTEGRATING BULLETS". Bulk packed box of 1,000 rounds. Blue and yellow label with red, white and black print. Buff, two-piece full cover box. No product code. Greased composition bullets with 2k,IS.
- S-4.4 **.22 SHORT (GALLERY).** "KANT-SPLASH GREASED DISINTEGRATING BULLETS". Same as S-4 except now shows "DIVISION OF OLIN INDUSTRIES in address line.
- S-4.6 **.22 SHORT (GALLERY).** "KANT-SPLASH GREASED DISINTEGRATING BULLETS". Same as S-4. except GREASED in now blacked out with pencil. These boxes came from factory like this.

"COMMERCIAL GALLERY" Issues
1000 Round Boxes

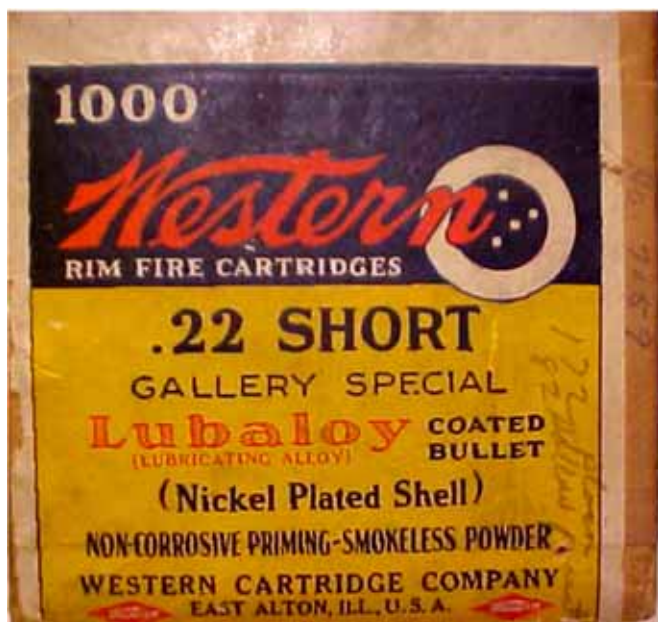
S-5



S-6



S-7



S-7.5



"COMMERCIAL GALLERY" Issues
1000 Round Boxes

- S-5 **.22 SHORT (GALLERY).** "KANT-SPLASH LUBRICATED DISINTEGRATING BULLETS. Same as S-4 except for the change in the bullet' finish callout.
- S-6 **.22 SHORT (GALLERY).** "KANT-SPLASH LUBALOY COATED DISINTEGRATING BULLETS". Same as S-5 except the bullets now have a LUBALOY Blacken case with "2-1" h/s. Copper plated bullets.
- S-7 **.22 SHORT (GALLERY).** "KANT-SPLASH LUBALOY COATED BULLET". Same as S-6 except the bullet finish callout is slightly different and the label now calls out for a nickel plated shell.
- S-7.5 **.22 SHORT (GALLERY).** "KANT-SPLASH LUBALOY COATED BULLET". Same as S-7 except the top label has a different format. Contents are unknown.

"COMMERCIAL GALLERY" Issues

S-8



S-10



S-12



"COMMERCIAL GALLERY" Issues

1945 ISSUES "

After the end of world War II, in 1945, Western redesigned the format of their product line. The KANT-SPLASH name was maintained, but the appearance was changed. The box now stated that Western was a Division of the Olin Corporation. The packaging size was reduced from 1,000 rounds down to 500 rounds.

- S-8 **.22 SHORT (GALLERY).** "KANT-SPLASH LUBRICATED DISINTEGRATING BULLETS". Bulk packed box of 500 rounds. Blue and yellow box with red, white and blue printing. "2-1" h/s on a copper case. Composition bullets. Variations noted:
- (a) Product code K1210R on the top. Box bottom states Western Cartridge Company Division of Olin Industries.
 - (b) Product code KS22S on the top. Box bottom states Western Cartridge Company Division of Olin Industries.
- S-10 **.22 SHORT (GALLERY).** "KANT-SPLASH GREASED DISINTEGRATING BULLETS". Same as S-8 except for change in bullet finish callout. The nickel plated cases has been blacked out. The box bottom states Western Cartridge Company Division of Olin Industries.

1955 ISSUE

During the 1955 period, Western introduced a new loading for their KANT-SPLASH gallery issue, which they named SUPER KANT-SPLASH. The new loading used a 15 grain composition bullet which broke up better on the metal backstop. A new box format was introduced. These boxes were marked with the Olin-Mathieson name.

- S-12 **.22 SHORT (GALLERY).** "SUPER KANT-SPLASH". Bulk packed box of 500 rounds. Blue and yellow box with red and black printing. One-piece box with top and bottom flaps. Product code SKS22S on the bottom. Box is empty, so contents are unknown.

"COMMERCIAL GALLERY" Issues

S-13



S-13.2



S-13.5



S-13.2 Top



S-13.5 Top



"COMMERCIAL GALLERY" Issues

1960 ISSUE

In 1960, a new packaging format was introduced. This change seems to be an attempt to update their packaging for the market place only. A solid yellow box replaced the blue and yellow format. No other product changes are known at this time. These boxes are marked Winchester-Western Division Olin. The Super Kant-Splash seems to have been unchanged, except for the markings on the back of the box

- S-13 **.22 SHORT (GALLERY).** "KANT-SPLASH". Bulk packed box of 500 rounds. Yellow box with red and white printing. Product code KS22S1. Box is empty, so contents are unknown.
- S-13.2 **.22 SHORT (GALLERY).** "KANT-SPLASH". Same as S-13 but over-stamped "NICKEL CASE" in blue ink on top and front.
- S-13.5 **.22 SHORT (GALLERY).** "SUPER KANT-SPLASH". Same as S-13, except the box now reads SUPER KANT-SPLASH. Product code SKS22S.

"COMMERCIAL GALLERY" Issues

S-14



S-14.5



S-14.5 TOP



S-15



"COMMERCIAL GALLERY" Issues

1962 ISSUES

In 1962 Western placed a warning to children on the front of all of their boxes. This was required by the 1962 Consumers Products Safety Commission Act. No product changes were reported at this time. The box bottom still states Winchester-Western Division Olin.

- S-14 **.22 SHORT (GALLERY).** "KANT-SPLASH". Bulk packed box of 500 rounds. Blue, yellow and white box with red, white and blue printing. One-piece box with top and bottom flaps. Product code KS22SI on the top. "2-1" h/s on a brass case. Composition bullets.
- S-14.5 **.22 SHORT (GALLERY).** "KANT-SPLASH". Same as S-14 but over-stamped "NICKEL CASE" on top and front. Also "N" over-stamped on top product code.
- S-15 **.22 SHORT (GALLERY).** "KANT-SPLASH", Same as S-14 except FOR SHORT RANGE GALLERY USE has been added to the front and ends. Product code KS22S1 on the top.

"COMMERCIAL GALLERY" Issues

S-16



S-16 TOP



S-17



S-17 TOP



"COMMERCIAL GALLERY" Issues

S-16 .22 SHORT (GALLERY). "SUPER KANT-SPLASH". Same as S-13, except the box now reads SUPER KANT-SPLASH. Product code SKS22S.

S-17 .22 SHORT (GALLERY). "SUPER KANT-SPLASH LONG RANGE". Same as S-15, except an over-label has been added to the top of the box stating FOR LONG RANGE GALLERY USE.

The "MARKSMAN" Issues

LR-1



LR-1 (SIDE)



LR-1.5



LR-1.5 (SIDE)



The "MARKSMAN" Issues

Western was a late entry to the smallbore rifle match game. Their first specialized match loading was introduced in 1922, which they named "Marksman". All of the other major manufacturers had been producing very accurate .22 rimfire ammunition for at least three years prior to Western's entry into this market.

They used "Lesmok" powders. This must have been a difficult decision to use the powder of a competitor DuPont. Western was not producing semi-smokeless powders. They also worked very hard to develop good priming compounds and the manufacturing processes required to produce uniform cartridge performance.

EARLY BOXES

What is judged to be the first "Marksman" loadings were issued in boxes with the diamond logo label which was the standard packaging of the Western .22 rimfires during the early 1920's. A side label was applied to the side of those boxes stating that these were "Marksman" loadings.

LR-1 **.22 LONG RIFLE (TARGET).** "MARKSMAN". Green and black label with black printing. Buff, two-piece, full cover box. Full wrap-around end label. No product code. Yellow and red label with red and black printing added to the side of the box. Box is sealed, so contents are unknown.

LR-1.5 **.22 LONG RIFLE (TARGET).** "LESMOK—MARKSMAN". Same as LR-1 but Lesmok.

Bottom & End



The "MARKSMAN" Issues

LR-2



"A" Bottom



LR-2.5



"A" Bottom



LR-3



"B" Bottom



LR-4



The "MARKSMAN" Issues

1922 ISSUES

The first specialized boxes for the "Marksman" issues were introduced in 1922. First issued in a high velocity loading which was reported to have a muzzle velocity of over 1200 feet per second. This velocity was achieved by loading 3.1 grains of "Lesmok". In 1925, they reduced the velocity to 1100 feet per second. This was still about 60 feet per second faster than the match grade loadings of competitors. These were primed with a corrosive compound. Non-corrosive priming compounds were not introduced in the U.S. until 1926.

LR-2 **.22 LONG RIFLE (TARGET).** "HIGH VELOCITY MARKSMAN". Light green and red label with blue printing. Buff, two-piece full cover box. Full wrap-around end label. No product code. "2-1" h/s on a copper case. Lead bullet with 3K. "A" bottom. First advertised in 1922 and dropped in 1925.



LR-2.5 **.22 LONG RIFLE (TARGET).** "MARKSMAN". Same as LR-3 except labels have a gray background.

LR-3 **.22 LONG RIFLE (TARGET).** "MARKSMAN" Light green and red label with blue printing. Buff, two-piece, full cover box. Full wrap-around end label. No product code. Box is sealed so contents are unknown at this time. "B" bottom.' This label style seems to have been discontinued in 1927.

LR-4 **.22 LONG RIFLE (PRIMED SHELLS).** "MARKSMAN". Buff, two-piece full cover box with blue printing. "2-1" h/s on a copper. Case. Produced for the Schuetzen shooters who desire to load their own.

The "MARKSMAN" Issues

LR-5



"C" Bottom



LR-5.2



"G" Bottom



LR-5.5



"J" Bottom



LR-6



"D" Bottom



LR-7



"E" Bottom



The "MARKSMAN" Issues

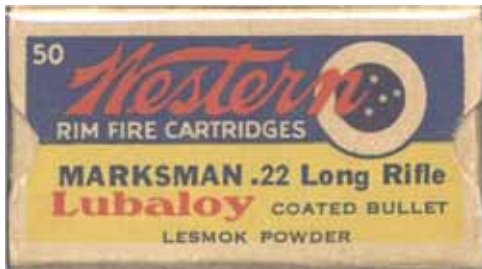
1927 ISSUES

In 1927 Western introduced their non-corrosive priming compound. At that time, they changed the format of their labels to what is referred to as the "Bullseye" label. During the same year. They also introduced their dry bullet finish, which Western called "Lubaloy". They also started using smokeless powders, as well as "Lesmok" for their match grade loadings.

- LR-5 .22 LONG RIFLE (TARGET). "LESMOK MARKSMAN". Blue, yellow and white label with black, white and red printing. Buff, two-piece, full cover box. Full wrap-around end label. No product code. Contents are unknown at this time. "C" bottom.
- LR-5.2 .22 LONG RIFLE (TARGET). "LESMOK MARKSMAN". Same as LR-5 but with "G" bottom.
- LR-5.5 .22 LONG RIFLE (TARGET). "LESMOK MARKSMAN". Blue, yellow and white label with black, white and red printing. Buff, two-piece, full cover box. Full wrap-around end label. No product code. Contents are unknown at this time. "J" bottom
- LR-6 .22 LONG RIFLE (TARGET). "LESMOK LUBALOY MARKSMAN". Same as LR-5 except the bullet now has a dry finish, which in the case of Western, was copper plating or washing of the lead bullet. "D" bottom
- LR-7 .22 LONG RIFLE (TARGET). "SMOKELESS LUBALOY MARKSMAN". Yellow, blue and white label with black, red and white printing. Buff, two-piece, full cover box. Full wrap-around end label. No product code. "E" bottom. "2-1" h/s on copper case. Lubaloy coated bullet.

The "MARKSMAN" Issues

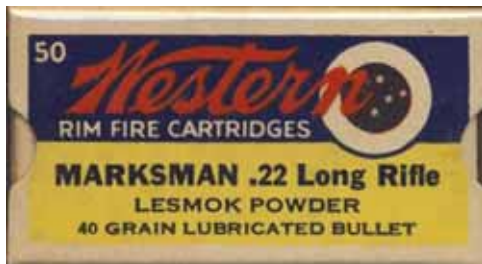
LR-8



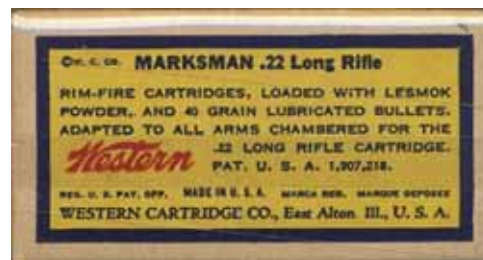
"H" Bottom



LR-9



"F" Bottom



LR-11



The "MARKSMAN" Issues

1931 ONE-PIECE BOX ISSUES

In 1931 Western replaced their two-piece, full cover box with a one-piece box with end flaps. By this time both the smokeless powders and the "Lubaloy" bullets had been dropped -from the "Marksman" loadings. The shooters preferred "Lesmok" powder and the dry bullet -finishes were found to foul the bores.

- LR-8 **.22 LONG RIFLE (TARGET).** "LESMOK LUBALOY MARKSMAN". Yellow, blue and white box with black, red and white printing. One-piece box with end flaps. No product code. "2-1" h/s on a copper case. Copper washed lead bullet. "H" bottom.
- LR-9 **.22 LONG RIFLE (TARGET).** "LESMOK MARKSMAN" Yellow, blue and white box with black, red and white printing. One-piece box with end flaps. No product code. "2-1" h/s on a copper case. Lead bullets. "F" bottom.
- LR-11 **.22 LONG RIFLE (TARGET).** "LESMOK LUBALOY MARKSMAN". Same as LR-8 except for a different format to the top of the box. NON-CORROSIVE PRIMER has been added before LESMOK POWDER.

The "SUPER MATCH" Issues

In 1933, Western introduced a new outdoor match grade loading. They selected the name "Supermatch" for this issue. This was a, non-corrosive primed, smokeless powder loading combined with a 40 grain, copper plated lead bullet. The copper plating was dropped soon after introduction. A new style of packaging was introduced.

"Supermatch" remained in the product line until 1982. During that time, it underwent many changes, with the name being changed from time to time by calling it "Supermatch Mark II", "Supermatch Mark III", etc. A special loading designed for pistol shooters was introduced in 1960, which they called "Supermatch Mark IV". The bottoms of the boxes was changed as new processes were developed or ownership of the company was changed. The attempt is to display these products as they were developed.

LR-1



LR-1.5



LR-2



The "SUPER MATCH" Issues

The first of the "Super Match" family was introduced in 1933. Western was still convinced that their copper plating of lead was producing excellent results. They trade-marked this process "Lubaloy". They already knew that this process was creating fouling of the bore, so it will be noted that they were adding lubrication to the bullets of their "Super Match" issue.

When first introduced this loading produced a muzzle velocity of 1250 feet per second. This is still well above the speed of sound. Most manufacturers were finding that lower velocities were producing better accuracy. Western was relying on their manufacturing expertise to produce match grade ammunition. They had developed processes which improved their quality control methods so that they were better able to control the velocity variations from round to round. The "Super Match" was dropped from the product line in the early 1940's, leaving the Mark II and the Mark III to carry on the name.



LR-1 **.22 LONG RIFLE (TARGET).** "SUPER MATCH LUBALOY COATED LUBRICATED BULLETS". Yellow, white and blue box with red, black and yellow printing. One-piece box with end flaps. No product code. "2-1" h/s on a copper case. Copper plated lead bullet. "A" bottom. This loading was discontinued in 1933, which makes it a issue with a very short life. #2 end flap ..



LR-1.5 **.22 LONG RIFLE (TARGET).** "SUPER MATCH LUBALOY COATED GREASED BULLETS". Yellow, white and blue box with red, black and yellow printing. One-piece box with end flaps. 2-1" h/s on a copper case. Copper plated lead bullet. "AA" bottom.



LR-2 **.22 LONG RIFLE (TARGET).** "SUPER MATCH". Yellow, white and blue box with black, red and yellow printing. One-piece box with end flaps. No product code. "2-1" h/s on a copper case with 1K. Lead bullet with 3K,1S. "B" bottom. This box now just calls out a 40 grain lubricated bullet...



(a) #2 end flap.

(b) #2 end flap and K1228R on end.

The "SUPER MATCH" Issues

LR-3



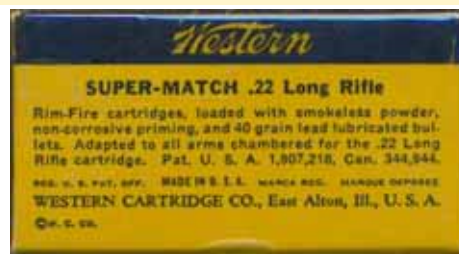
LR-4



“B” bottom



“C” bottom



“D” bottom



“DD” bottom



“E” Bottom



“F” Bottom



The "SUPER MATCH" Issues



LR-3 **.22 LONG RIFLE (TARGET), "SUPER MATCH".** Same as LR-2 except the box top now states **40 GRAIN LEAD LUBRICATED BULLET**. No end flap warnings noted. Variations noted:

- (a) "C" bottom. No product code on the box.
- (b) "D" bottom. Product code K1228R on box side.
- (c) "E" bottom. No product code on the box.
- (d) "C" bottom. Product code K1228R



LR-4 **.22 LONG RIFLE (TARGET), "SUPER MATCH".** Same as LR-2, except the box top now states **40 GRAIN LEAD GREASED BULLET**. The reason for the change in bullet finish callout is unknown at this time. Variations noted:

- (a) "B" bottom. No product code on the box.
- (b) "F" bottom. Product code K1228R on the side of the box. #1 end flap warning.
- (c) "DD" bottom. Product code K1228R on the side of the box. #1 end flap warning.
- (d) "F" bottom, #3 end flap



The "SUPER MATCH MARK II" Issues

LR-1



"F" bottom



The "SUPER MATCH MARK II" Issues

During 1940 Western found that a reduced muzzle velocity would improve the accuracy of their match grade loadings. They introduced their "Super Match Mark II" with a muzzle velocity of about 1100. feet per second. The packaging was the same as for the prior issue, except for the Mark II markings. With this issue, brass replaced copper for the case material. This set of issues remained in the product line until the 1960's, so many bottom variations are noted. Also during this period, warnings were added to the end flaps.

End Flap #1



LR-1 **.22 LONG RIFLE (TARGET).** "SUPER MATCH MARK II". Yellow, blue and white box with red, black and yellow printing. One-piece box with end flaps. Product code K1228R on the side of the box. "2-1" h/s on a brass case. Lead bullet with 3K,LS. This was the first of the new issue and seems to have been a prior issue box with an over-stamped MARK II. "F" bottom. #1 end flap with 92 A over-stamped..



The "SUPER MATCH MARK II" Issues

LR-2



"G"



"H"



"I"



The "SUPER MATCH MARK II" Issues

During 1940 Western found that a reduced muzzle velocity would improve the accuracy of their match grade loadings. They introduced their "Super Match Mark II" with a muzzle velocity of about 1100. feet per second. The packaging was the same as for the prior issue, except for the Mark II markings. With this issue, brass replaced copper for the case material. This set of issues remained in the product line until the 1960's, so many bottom variations are noted. Also during this period, warnings were added to the end flaps.



LR-2 **.22 LONG RIFLE (TARGET).** "SUPER MATCH MARK II". Yellow, blue and white box with red, black and yellow printing. One-piece box with end flaps. "2-1" h/s on a brass case. Lead bullets with 3K,IS. This is the production box of this issue. This series has a decimal point in front of 22 on the top. Variations noted:

- | | | |
|-----------------|---|------------|
| (a) "G" bottom. | #1 end flap. Product code K1267R on side. | 1K bullets |
| (b) "H" bottom. | #1 end flap. Product code K1267R on side. | |
| (c) "I" bottom. | #2 end flap. Product code K1267R on side. | |



Western Cartridge Co.

The "SUPER MATCH MARK II" Issues

LR-3



"J"



"JJ"



"K"



"L"



"M"



LR-3.5



WCC-51.2

The "SUPER MATCH MARK II" Issues

End Flap #2



End Flap #3



End Flap #4



LR-3 **.22 LONG RIFLE (TARGET).** "SUPER MATCH MARK II".. Same as LR-2 but no dot before 22.

- (d) "J" bottom. #6 end flap. Product code K1267R on side.
- (e) "JJ" bottom. #2 end flap. Product code K1267R on side.
- (f) "L" bottom. #3 end flap. Product code K1267R on side.
- (g) "K" bottom. #2 end flap. Product code K1267R on side.



- (gg) "L" bottom. #4 end flap. Product code K1267R on ends.
- (h) "K" bottom. #3 end flap. Product code K1267R on ends.
- (hh) "K" bottom. #4 end flap. Product code K1267R on ends.
- (i) "M" bottom. #3 end flap. Product code K1267R on ends.



LR-3.5 **.22 LONG RIFLE (TARGET).** "SUPER MATCH MARK II". Same as LR-2 but over-stamped "SAMPLE" on top in black ink. Contents unknown.

The "SUPER MATCH MARK III" Issues

LR-1



"N" Bottom



"O" Bottom



The "SUPER MATCH MARK III" Issues

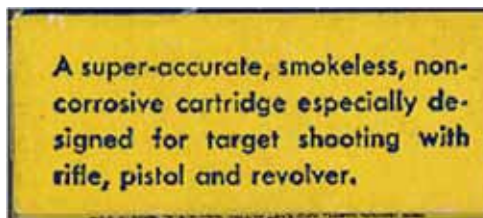
In 1952 Western introduced the "Super Match Mark III". It again had a reduced velocity over the older Mark I and Mark II issues. It also featured a new bullet profile. A new bullet lubricant was introduced. This product continued the winning ways of the "Super Match" family. Produced until about 1975, the packaging was modified and updated several times

1952 Style Issues



LR-1 .22 LONG RIFLE (TARGET). "SUPER MATCH MARK III". Yellow, blue and white box with black, red and yellow printing. One-piece box with end flaps. "2-1" h/s on a brass case with 1K. Lead bullets with 2K,IS. This box style was produced from 1952 until about 1960. Variations noted:

- (a) "N" bottom. #1 end flap. Product code SM22LR on side.
- (b) "N" bottom. #2 end flap. Product code SM22LR on side.
- (bb) "N" bottom #3 end flap. Product code SM22LR on side.
- (c) "N" bottom. #2 end flap. Product code SM22LR on ends.
- (d) "N" bottom. #3 end flap. Product code SM22LR on ends.
- (e) "O" bottom. #1 end flap. Product code SM22LR on ends.
- (f) "O" bottom. #3 end flap. Product code SM22LR on ends.



The "SUPER MATCH MARK III" Issues

LR-2



"P" Bottom



"Q" Bottom



The "SUPER MATCH MARK III" Issues

1960-62 Issues

End Flap #4



End Flap #5



LR-2 **.22 LONG RIFLE (TARGET).** "SUPER MATCH MARK III". Yellow and white box with black, red, and blue printing. One-piece box with end flaps. "2-1" h/s on a brass case. Lead bullets with 2K,1S. This style of box was produced from about 1960 to 1962. Variations noted:

- (a) "P" bottom. #4 end flap. Product code SM22LR on ends.
- (b) "Q" bottom. #5 end flap. Product code SM22LR on ends.



The "SUPER MATCH MARK III" Issues

LR-3



"Q" Bottom



"R" Bottom



"S" Bottom



LR-4



The "SUPER MATCH MARK III" Issues

1962 box issues with Child Warning

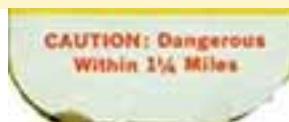
End Flap #4



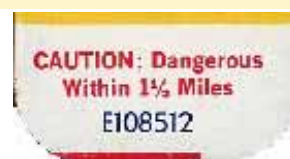
End Flap #5



End Flap #6



End Flap #7



LR-3 .22 LONG RIFLE (TARGET). "SUPER MATCH MARK III". Same as LR-2 except for a 1962 Consumers Products Safety Commission warning on top of the box. This box style was produced from 1962 to about 1975. Variations noted:

- (a) "Q" bottom. #5 end flap. Product code SM22LR on ends.
- (b) "R" bottom. #5 end flap. Product code SM22LR on ends. "2-1" h/s
- (bb) "R" bottom. #5 end flap. Product code SM22LR on ends. "W-3" h/s
- (c) "R" bottom. #6 end flap. Product code SM22LR on ends.
- (d) "S" bottom. #6 end flap. Product code SM22LR on ends.
- (e) "S" bottom. #7 end flap. Product code SM22LR on ends.



LR-4 .22 LONG RIFLE (TARGET). "SUPER MATCH MARK III". "MADE FOR EXPORT" Similar to LR-3 but French wording on back and product code Q2040 on ends. "W-3" h/s on brass case. It is not known what country these were produced for other than French speaking.



The "SUPER MATCH MARK IV" Issues

LR-1



"T" Bottom



"U" Bottom



The "SUPER MATCH MARK IV" Issues

The Western Cartridge Company was late with a .22 rimfire loading for the competitive pistol shooters. Remington and Peters started selling special pistol loadings in the late 1930's. Western considered their "X PERTs" to be good for all shooters, including the hand gunners.

However, in 1960, Western did introduce their "Mark IV" issue. It featured a different wax lubricant than the rifle ammunition. It was designed not to clog the feed ramps in autoloading pistols. It was also a harder wax which would not transfer to the hand during reloading operations. "Mark IV" was produced from 1960 to the present time. During that time period, different box bottoms and end flap warnings will be noted, as well as the box style changes over the years.

1960 Box Issues

End Flap #2



End Flap #4



LR-1 **.22 LONG RIFLE (PISTOL MATCH).** "SUPER MATCH MARK IV". Yellow and white box with red, black and blue printing. One-piece box with end flaps. Product code SM22LR4 on the ends. "2-1" h/s on a nickel plated brass case with 1K. Lead bullets with 2K,1S. This style of box was produced from 1960 to 1962. Variations noted:

- (a) "T" bottom. #4 end flap.
- (b) "T" bottom. #2 end flap.
- (c) "U" bottom. #2 end flap.



The "SUPER MATCH MARK IV" Issues

LR-2



"U" Bottom



"V"



"W"



LR-3



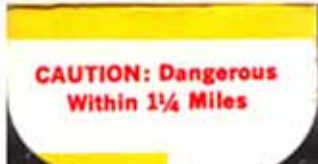
The "SUPER MATCH MARK IV" Issues

1962 Box Issues with Child Warning

End Flap #2



End Flap #3



End Flap #4



LR-2 **.22 LONG RIFLE (PISTOL MATCH).** ""SUPER MATCH MARK IV". Same as LR-1 except the box has a 1962 Consumers Products Safety Commission warning added to the top. Produced from 1962 to about 1982. Variations noted:

- (a) "U" bottom. #2 end flap.. "2-1" h/s on nickel case.
- (b) "V". bottom. #2 end flap. "2-1" h/s on nickel case
- (bb) "V". bottom. #2 end flap. "2-1" h/s on brass case
- (d) "V" bottom #3 end flap. ."W-3" on a brass case.
- (e) "W" bottom. #7 & #8 end flap.. "W-3" on a brass case.



LR-3 **.22 LONG RIFLE (PISTOL MATCH).** ""SUPER MATCH MARK IV". "MADE FOR EXPORT" Similar to LR-3 but French wording on back and product code Q2043 on ends. "W-3" h/s on brass case. It is not known what country these were produced for other than French .speaking.

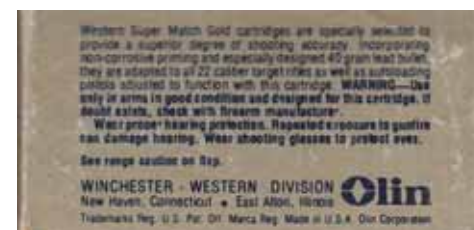


The "SUPER MATCH Misc" Issues

LR-1



LR-2



LR-3



S-1



The "SUPER MATCH Misc" Issues

"SUPER MATCH GOLD AND SILVER"

This issue was perhaps one of the best match grade loadings ever produced by any U.S. manufacturer. Produced in a new special match facility to rigid specifications. First introduced in 1975 and discontinued in 1982. The "Silver Match" was considered as a lower grade match loading but was never placed into the product line.

- LR-1 .22 LONG RIFLE (TARGET). "SUPER MATCH GOLD". Gold box with red and black printing. One-piece box with end flaps~ Product code SM22G on the ends. "W-3" h/s on a brass case with 1K. Lead bullets with 2K,1S. This box with this style of warning on the top was produced from 1975 to 1978. "xx" bottom.



- LR-2 .22 LONG RIFLE (TARGET). "SUPER MATCH GOLD". Same as LR-1 except a different style of warning on the top. This style was produced from 1978 to 1982. "YY" bottom.

- LR-3 .22 LONG RIFLE (TARGET). "SUPER MATCH SILVER". Silver box with red and black printing. Printers proofs are the only box available at this time, so details of the round are unknown.

"SUPER MATCH MISC"

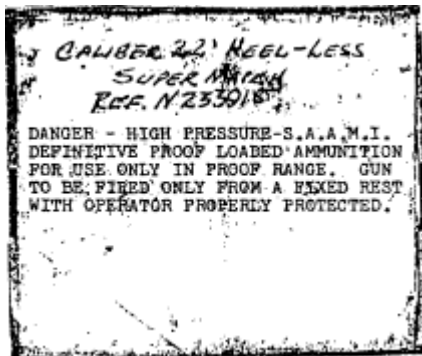
In the late 1950's interest was growing in the international style of rapid fire pistol shooting. Most manufacturers responded by introducing special loadings in a .22 short case. This never became a major sport and as interest dropped off, the manufacturers dropped this loading from their product lines.

- S-1 .22 SHORT (TARGET). "SUPER MATCH". Yellow and white box with red and blue printing. One-piece box with end flaps. Product code SM22S on the end. "2-1" h/s on a nickel plated brass case. Lead bullets with 2K,1S. Produced from 1961 to the middle 1970's. "X" bottom.



The "SUPER MATCH White Box" Issues

S-1



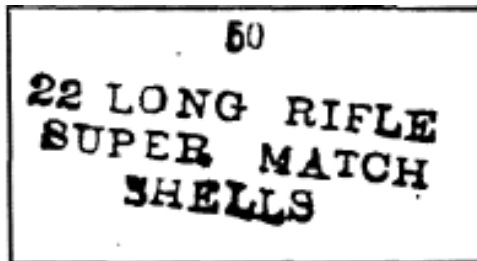
S-2



S-3



LR-1



LR-2



LR-3



LR-4



The "SUPER MATCH White Box" Issues

These are the issues that do not fit into any of the prior classifications. Some were produced for the Army Marksmanship Unit or were experimental.

- S-1 **.22 SHORT (EXPERIMENTAL-TARGET).** "SUPER MATCH". White label with black printing. This is a label from an experimental loading using an enlarged .22 short case with a lead bullet. This is a box of proof loads. "2-1" h/s on a red based brass case. Lead bullet with 0K,0S. Bullet is stained red. Reported to have been produced in the 1950's for a special international match pistol, details of which are unknown at this time.
- S-2 **.22 SHORT (TARGET).** "SUPER MATCH". White box with purple printing. One-piece box with end flaps. No product code. "2-1" h/s on a brass case. Lead bullets. "2-1" h/s on a nickel washed brass case. Lead bullets.
- S-3 **.22 SHORT (TARGET).** "SUPER MATCH". Same as S-2, except for a different style of printing and format on the box top. "2-1" h/s on a nickel washed brass case. Lead bullets. Variations noted:
(a) White box.
(b) Kraft colored box.
- LR-1 **.22 LONG RIFLE (TARGET-PRIMED SHELLS).** "SUPER MATCH". Buff box and label with black printing. Two-piece, half-split box. Full wrap-around side and end labels. Lot. 58HK31. "2-1" h/s on a copper case. Primed and loaded with powder. Sealed with a red or blue card wad.
- LR-2 **.22 LONG RIFLE (TARGET).** White box with black printing. One-piece box with end flaps. No product code. "2-1" h/s on a brass case with 1K. Lead bullet with 2K,IS. Bullet has same profile as a Super Match Mark IV, but with a slightly shorter nose. This was some type of experimental pistol loading.
- LR-3 **.22 LONG RIFLE (TARGET-DUMMY).** "SUPER MATCH MARK IV". White box with black printing. One-piece box with end flaps. Top only has printing. No product code. "2-1" h/s on a nickel plated brass case with a hole in the head. Lead bullets with 2K,IS.
- LR-4 **.22 LONG RIFLE (TARGET).** "SUPER MATCH MARK IV FOR PISTOL". White box with black printing. One-piece box with end flaps. No product code. "2-1" h/s on a nickel plated brass case. Lead bullets with 2K,IS. Note: Purple printing also noted.

1937-1959 "XPERT" Issues
SHORT

1937 ISSUES

The first of the "XPERT" issues used a format which was basically the same as the "Super X" high velocity issues that were then current. This style of box remained in the product line until replaced in 1960.

- S-1 .22 SHORT (TARGET). "XPERT". Yellow and blue box with blue and red printing. One-piece box with end flaps. "2-1" h/s on a brass case. Lead bullet with 2K,LS. Variations noted:



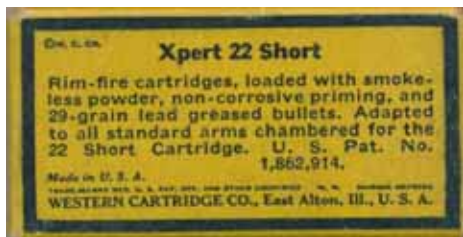
- (a) "A" bottom. 87-M on left flap only. Code K1262R on front. Ends read LEAD LUBRICATED



- (aa) "A1" bottom. 87-M on left flap only. Code K1262R on front. Ends read LEAD LUBRICATED



- (b) "B" bottom. #1 end flap warning. Code K1262R on front. Ends read LEAD GREASED.



1937-1959 "XPERT" Issues SHORT

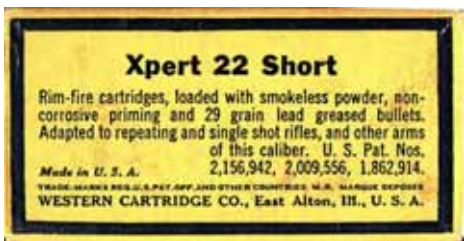
In 1937, Western introduced an intermediate velocity target loading designed to sell at the price of regular ammunition. They called this new offering "XPERT". Smokeless powder was loaded into a brass case. The bullet was 40 grains of lead and was either greased or waxed. Winchester, which at this time was owned by Western introduced their "LEADER", which was the same thing as the "XPERT", in 1938.

This loading was never designed to be a long range outdoor prone cartridge. It produced good results indoors and was a low cost practice round for the outdoor shooter. Produced for over 30 years, many box bottom variations and box format changes are to be noted.

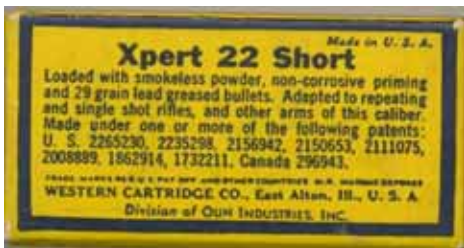
- (c) "Bl" bottom. #1A end flap warning. Code K1262R on front. Ends read LEAD GREASED.



- (cc) "Bl" bottom. #1 end flap warning. Code K1262R on front. Ends read LEAD GREASED.



- (d) "C" bottom.. #2 end flap warning. Code K1262R on front. Ends read GREASED.



1937-1959 "XPERT" Issues
SHORT

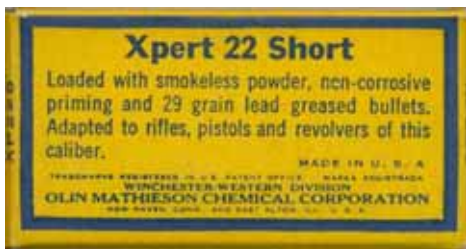
- (e) "D" bottom. #2 end flap warning. Code K1262R on side. Ends read GREASED.



- (f) "D" bottom. #2 end flap warning. Code XP22S on the ends.



- (g) "E" bottom. #2 end flap warning. Code XP22S on ends.



1937-1959 "XPERT" Issues
SHORT

"Z" BOTTOM



S-2 22 SHORT (TARGET). "XPERT". Same as S-1 but with red over-stamp stating "' FOR DISPLAY PURPOSES ONLY. NOT FOR PACKING".'



S-3 22 SHORT (TARGET). "XPERT". Same as S-1 but with black over-stamp stating "SOLD FOR EMPLOYEES USE ONLY".



1960 "XPERT" Issues
SHORT

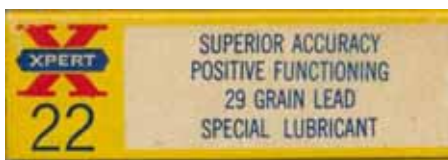
1960 ISSUES

In 1960 Western updated the packaging styles of the entire product line including the .22 rimfires. The old blue and yellow box was replaced with a solid yellow box. The loading itself seems to have been unchanged.

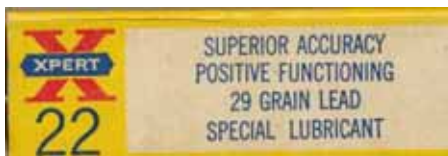
- S-2 .22 SHORT (TARGET). "XPERT". Yellow box with red,-white and blue printing. One-piece box with end flaps. Product code XP22S on the ends. "2-1" h/s on a brass case. Lead bullets with 2K,1S.



- (a) "F" bottom. #3 end flap Warning.



- (b) "F1" bottom. #4 end flap Warning



1962 "XPERT" Issues
SHORT

1962 ISSUES

In 1962 the Consumers Products Safety Commission required all boxes of .22 rimfire cartridges to display a warning about children. Western added this warning to the top of their boxes. This box style remained in the product line until 1971 when it was replaced with the "T22" issues.

- S-3 .22 SHORT (TARGET). "XPERT". Yellow and white box with red, white and blue printing. One-piece box with end flaps. Product code XP22S on the ends. #4 end flap warning. "2-1" h/s on a brass case. Lead bullets with 2K,1S. "G" bottom.



- S-3.5 .22 SHORT (TARGET). "XPERT". S-3 box with black over-stamp stating EMPLOYEES USE ONLY



1937-1945 "XPert" Issues
LONG

- L-1 .22 LONG (TARGET). "XPert". Yellow and blue box with blue and red printing. One-piece box with end flaps. Product code K1263R on the side. "2-1" h/s on a brass case. Lead bullet with 2K,1S. "H" bottom. No end flap warning. Ends read LUBRICATED LEAD BULLET. The long loading was dropped from the product line in 1945.



1937-1945 "XPert" Issues
LONG

- (a) 88 M on right flap only. 3 patents on bottom.



- (b) 88 M on right flap only.. 4 patents on bottom



- (c) 3 patents on bottom.



1937-1959 "XPERT" Issues
LONG RIFLE

LR-1 .22 LONG RIFLE (TARGET). "XPERT". Yellow and blue box with blue and red printing. One-piece box with end flaps. "2-1" h/s on a brass case. Lead bullet with 3K,1S.



(a) "I" bottom. 90M on left flap. Code K1264R on side. Ends read LUBRICATED LEAD BULLET.



(b) "J" bottom. #2 end flap warning. Code K1264R on side. Ends read GREASED LEAD BULLET.



(c) "K" bottom. #2 end flap warning. Code K1264R on side. Ends read GREASED.



1937-1959 "XPERT" Issues
LONG RIFLE

- (cc) "K1" bottom. #2 end flap warning. Code K1264R on side. Ends read GREASED.



- (d) "L" bottom. #1 end flap warning. Code K1264R on side. Ends read GREASED LEAD BULLET.



- (e) "M" bottom. #1 end flap warning. Code K1264R on side. Ends read GREASED LEAD BULLET.



- (ee) Same as (e) but with #2 end flap warning.



1937-1959 "XPERT" Issues
LONG RIFLE

- (f) "N" bottom. #2 end flap warning. Code K1264R on side. Ends read GREASED.



- (ff) ""X" bottom Similar to "(f)" but wording on 2nd, 3rd and start of 4th line is different.



- (g) "O" bottom. #2 end flap warning. Code K1264R on side. Ends read GREASED.



- (gg) "O" bottom. #2 end flap warning. Code XP22LR on side. Ends read GREASED.



1937-1959 "XPert" Issues
LONG RIFLE

- (h) "O1" bottom. #2 end flap warning. Code K1264R on side.



- (j) "P" bottom. #2 end flap warning. Code XP22LR on ends. Ends read GREASED.



- (k) "R" bottom. #2 end flap warning. Code XP22LR on ends. Ends read LUBRICATED.



1937-1959 "XPert" Issues
LONG RIFLE

- (l) "O" bottom. #2 end flap warning. Ends read GREASED and code XP22LR.



- (m) Same as (l) but different shape warning flap.



- (n) "W" bottom.. #1 end flap warning. Code K1264R on front. End reads GREASED LEAD BULLET.



Western Cartridge Co.

**1937-1959 "XPERT" Issues
LONG RIFLE**

Cont. next page
WCC-52

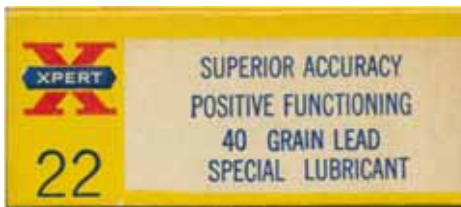
The "XPERT TARGET" Issues

1960 ISSUES

LR-2 .22 LONG RIFLE (TARGET). "XPERT". Yellow box with red, white and blue printing. One-piece box with end flap. Product code XP22LR on the ends. #3 end flap warning.



(a) "T" bottom.



(b) Same as "a" but with "U" bottom.



LR-2.5 .22 LONG RIFLE (TARGET). "XPERT". Same as LR-2 but has an unidentified red stripe on the top.



The "XPERT TARGET" Issues

1962 ISSUES

LR-3 **.22 LONG RIFLE (TARGET).** "XPERT" Yellow and white box with red, white and blue printing. One-piece box with end flaps. Product code XP22LR on the ends. #4 end flap warning. "2-1" h/s on a brass case. Lead bullets with 3K,1S. "V" bottom.. Variations noted:

- (a) Back "A" (no case cannellure)
- (b) Back "B". (cannellure on case)



Back "A"

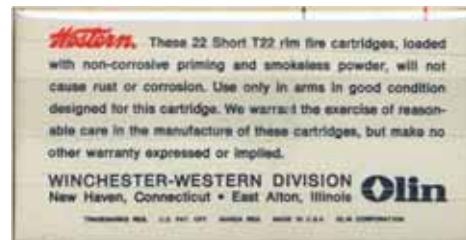


Back "B"



1971 "T22 TARGET" Issues

S-1



S-1.5



LR-1




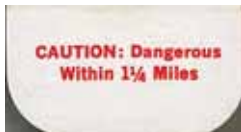
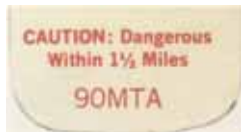
LR-1.5



1971 "T22 TARGET" Issues

In 1971 Western replaced their "XPRT" issues with a new offering which they named "T22". This issue used Western's Ball powder behind a 40 grain lead bullet. The bullet lubricant was improved. This was not a replacement for high accuracy outdoor match loadings, but was a good indoor target cartridge.

The "T22" was maintained in Western's product line until the present day, under the various brand names, Winchester-Western and then, just Winchester. At this time it is the only rifle target loading in the product line.

End Flap #1	End Flap #2	End Flap #2A
		

S-1 **.22 SHORT (TARGET).** "T22". White box with red and black printing. One-piece box with end flaps. Product code "T22S" on the end. "W-3" h/s on a brass. Lead bullet with 2K,1S. "A" bottom. Variations noted:

- (a) #1 end flap
- (b) #2 end flap.



S-1.5 **.22 SHORT (TARGET).** "T22". Same as S-1 except the bottom is printed in a lighter blue.

LR-1 **.22 LONG RIFLE (TARGET).** "T22". White box with red and black printing. One-piece box with end flaps. Product code T22LR on the ends. "W-3" h/s on a brass case with 1K. Lead bullet with 2K,1S. "A" bottom. Variations noted:

- (a) #1 end flap
- (b) #2 end flap



LR-1.5 **.22 LONG RIFLE (TARGET).** "T22". Same as LR-1 but with different bottom (WESTERN is in blue ink) and a #2A end flap warning.

1978 "T22 TARGET" Issues

S-2



LR-2



1978 "T22 TARGET" Issues

1978 STYLE WARNING

WARNING: Keep out of Reach of Children

End Flap #1	End Flap #2	End Flap #3	End Flap #3
			

S-2 .22 SHORT (TARGET). "T22". White box with red and black printing. One-piece box with end flaps. Product code "T22S" on the ends. "W-3" h/s on a brass case. Lead bullet with 2K,IS. "B" bottom. #2 end flap.

We are unsure that the short box was ever really produced maged is not of an actual box. If you have an actual S-2 box please send us a scan or photo of it with bottom and end.

LR-2 .22 LONG RIFLE (TARGET). "T22". White box with red and black printing. One-piece box with end flaps. Product code "T22LR" on the ends. "W-3" h/s on a brass case. Lead bullets 2K,IS. "B" bottom. Variations noted:

- (a) #1 end flap
- (b) #2 end flap
- (c) #3 right end & #4 left end flap.



UNCLASSIFIED
"LUBALOV" B.B. Caps

"A" Bottom



"B" Bottom



"C" Bottom



"D" Bottom



"E" Bottom



"F" Bottom



"G" Bottom



"H" Bottom



Side #1 (Stamped)



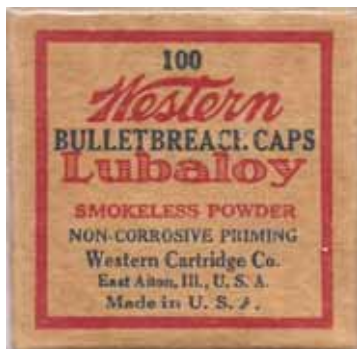
Side #2 (Printed)



UNCLASSIFIED
"LUBALLOY" B.B. Caps

Production dates on these boxes have not yet been determined. Lubaloy was first used in 1927. Div. of Olin was first printed on boxes in 1931

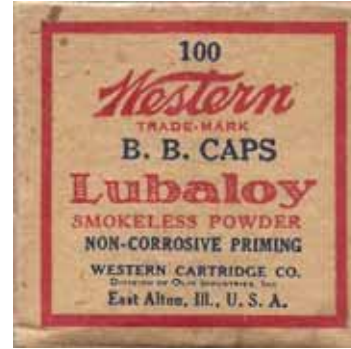
BB-1



BB-2



BB-3



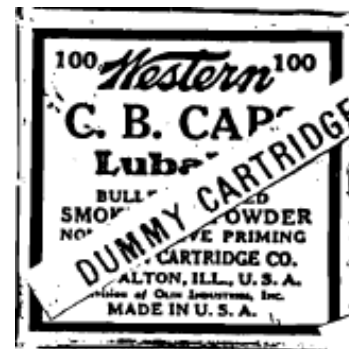
- BB-1 **.22 B.B. CAPS.** "LUBALLOY SMOKELESS POWDER". Bulk packed 100 round box. Buff box with red and black printing. One-piece box with flaps, no tray. Product code K1201R on side of the box. "2-1" h/s on a copper case. Copper plated lead bullets. "E" bottom.
- BB-2 **.22 B.B. CAPS.** "LUBALLOY LUBRICATED ALLOY SMOKELESS POWDER" Same as BB-1 except for the addition of LUBRICATED ALLOY under the word LUBALLOY. Variations noted:
- (a) No product code. No patents listed on the back., Copper cases. "F" bottom.
 - (b) Product code K1201R on box side. 2 patents listed on the back. Brass cases
 - (1) "A" bottom.
 - (2) "D" bottom.
 - (3) "G" bottom.
 - (4) "B" bottom.
 - (c) Product code K1201R on box sides. 3 Patents listed on the back. Brass case. "C" bottom.
 - (d) Product code K12011R on box side. 4 patents listed on the back. Copper cases. "E" bottom.
- BB-3 **.22 B.B. CAPS.** "LUBALLOY SMOKELESS POWDER". Bulk packed 100 round box. Buff box with red and black printing. One-piece box with flaps, no tray. Div of Olin Contents unknown. "H" bottom.

UNCLASSIFIED
"LUBALOY" C.B. Caps

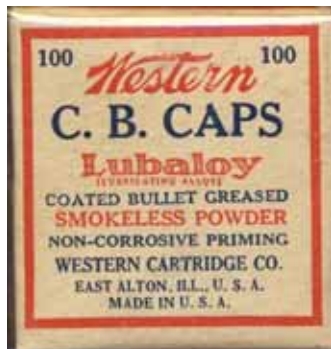
CB-1



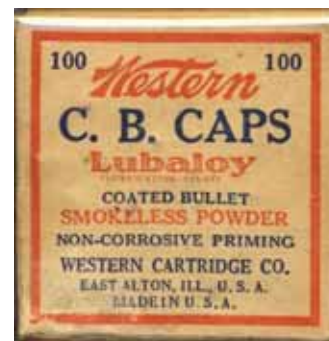
CB-1.1



CB-2



CB-3



UNCLASSIFIED
"LUBALLOY" C.B. Caps

Production dates on these boxes have not yet been determined. Lubaloy was first used in 1927. Div. of Olin was first printed on boxes in 1931

Bottom "A"



Bottom "B"



Bottom "C"



Bottom "D"



Bottom "E"



Bottom "F"



- CB-1 **.22 C.B. CAPS.** "LUBALLOY GREASED SMOKELESS POWDER". Bulk packed box of 100 rounds. Buff box with red and black printing. One-piece box with flaps, without tray. Product code K1202R on the box side. "2-1" h/s on a copper case. Copper plated lead bullets. Box top is stamped Feb. 21, 1951.
- (a) "A" Bottom.
 - (b) "B" bottom.
 - (c) "C" bottom.

- CB-1.1 **.22 C.B. CAPS (DUMMY).** Same as CB-1 except for a white over label with black printing stating DUMMY CARTRIDGES

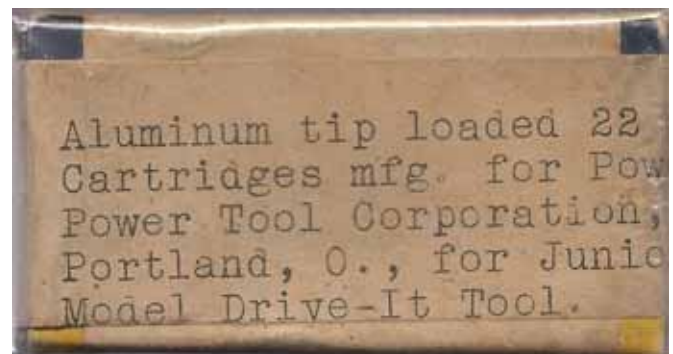
- CB-2 **.22 C.B. CAPS.** LUBALLOY COATED BULLET GREASED SMOKELESS POWDER". Same as CB-1 except for different format to the face of the box. "D" bottom.

- CB-3 **.22 C. B. CAPS.** "LUBALLOY COATED BULLET SMOKELESS POWDER". Same as CB-1, except for a different format to the box face.
- (a) "E" bottom.
 - (b) "F" bottom.

S-1



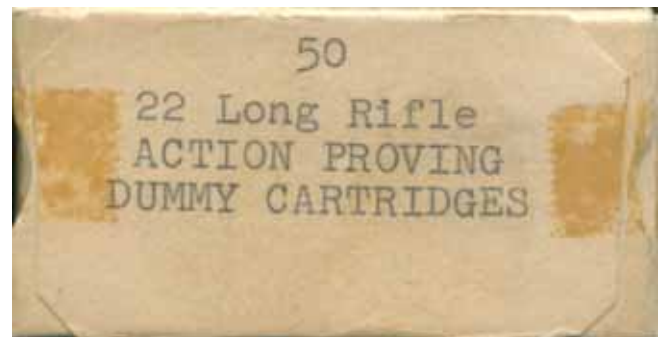
LR-1



LR-2



LR-3



UNCLASSIFIED MISC.

These are the issues that do not fit into any other major classification. They may be experimental or issues of a special nature. If information becomes available to allow these may be moved to another classification at that time.

- S-1 **.22 SHORT (BLANK).** Bulk packed box of 50 rounds. Buff box with flaps, without tray. No product code. "2-1" h/s on a copper case. Blue wad.
- LR-1 **.22 LONG RIFLE.** Expert box over-labeled for power tool use. Aluminum tipped bullets.
- LR-2 **.22 LONG RIFLE.(HOLLOW POINT)** "SUPER-X". 40 rd . One-piece yellow box. With blue, black, red and white printing.. Product code W22LRHP on top. Brass case with "SU-1" h/s. Copper washed bullet with 3K.
- LR-3 **.22 LONG RIFLE (DUMMY).** Plain buff box with typewritten label. Blackened case with diamond h/s and hole in base.



UNCLASSIFIED MISC.

1972 WESTERN 22 Rimfire Collectors set

1972 THE AMERICANA CARTRIDGE COLLECTION OF WESTERN SUPER X 22 Caliber Rimfires		VELOCITY *		SUGGESTED USES			ADAPT- ABLE TO		BULLET	
		High	Standard	Plinking	Target	Game	Pistol	Rifle	Weight Grains	Style
Index	(Set No. 3)									
1. 22 Winchester Magn. Super X Hollow Pt.**		x		x		x	x	x	40	JHP
2. 22 Winchester Magnum Super X**		x				x	x	x	40	FMC
3. 22 Winchester Automatic**			x	x		x	x	x	45	L
4. 22 Short Super X		x		x	x	x	x	x	29	L
5. 22 Short Super X Hollow Point		x		x	x	x	x	x	27	HP
6. 22 Short T225			x	x	x	x	x	x	29	Lead
7. 22 Short Kant-Splash Gallery			x	x	x			x	29	D
8. 22 Long Rifle Super X		x		x	x	x	x	x	40	L
9. 22 Long Rifle Super Match Mark III					x			x	40	L
10. 22 Long Rifle Super Match Mark IV					x		x		40	L
11. 22 Short Super Kant-Splash Gallery			x		x			x	15	O
12. 22 W.R.F. (Remington Special)**		x		x		x	x	x	45	L
13. 22 Long Rifle T22LR			x	x	x	x	x	x	40	Lead
14. 22 Long Rifle Super X Hollow Point		x		x		x	x	x	37	HP
15. 22 Long Rifle Shot Super X		x		x				x	25	12 in
16. 22 Long Super X		x	x	x	x	x	x	x	29	Lead

*Muzzle velocity less in pistol cartridges.
 **Use only in firearms chambered by mfg. for this cartridge, and so indicated on barrel.

H.P. - Hollow Point D. - Disintegrating L. - Lubaloy
 F.M.C. - Full Metal Case J.H.P. - Jacketed Hollow Point W.R.F. - Winchester Rim Fire

Range to 1 1/2 Miles All rights reserved ©1972 Western Enterprises