

REMINGTON ARMS COMPANY, Inc.

SUCCESSOR TO THE REMINGTON ARMS UNION METALLIC CARTRIDGE CO., INCORPORATED.

MANUFACTURERS OF

FIREARMS, AMMUNITION, CUTLERY, CASH REGISTERS, ETC.

LONOKE, ARKANSAS

JULY 24, 1992



TO: T. C. DOUGLAS
 FROM: E. I. HERRING *E. I. Herring*
 SUBJECT: MONTHLY REPORT - JULY, 1992

o Propellant Powder:

1. Representatives from Kaltron-Pettibone, the importers of Kemira powder, visited the plant on July 8 to discuss the powder consignment program. Kemira is also working on double-base shotshell powders, and hopes to have samples available. Kemira currently makes a slow centerfire Magnum Rifle powder, N-170, and will have samples for evaluation on the next shipment.

2. Evaluated Olin WRP-780 powder Lot 8 in the 270 Win 150 SPCL and 7mm Rem Mag 175 PSPCL cartridges. This new lot (Lot 8) looks much better than Lot 1, which exhibited excessive pressure growth at +150°F. Listed below are the test results:

		RT		-20°F		+150°F		
Cartridge	Chg.Wt.	Vel.	Press.	Vel.	Press.	Vel.	Press.	% Growth +150°F
270 Win 150	56.5	2823	55200	2735	50800	2912	63500	15%
7mm Rem Mag 175	64.8	2812	59700	2745	53500	2863	63100	5.7%

3. Representatives from Hercules Powder Company visited the plant on July 22 to review the performance of the Bofors powders at elevated temperature. Hercules test results indicated that recent lots of Bofors RP-15 grew as much as 39.3% at +150°F in the 270 Win 130 PSPCL. Bofors is working on the problem and has submitted a sample of RP-16 to Hercules, which exhibited a pressure growth of 15.6% from Room Temp to +150°F. We would like to see a maximum pressure growth of 10% at +150°F.

4. Olin will have the samples of WC-295 S and WPR-289 on the next truck to Lonoke.

o 1993 New Product Samples for Catalog Photos

- 458 Win Mag 450 Swift A-Frame - 15 Photo dummies completed.
- 300 Win Mag 200 Swift A-Frame - 15 Photo dummies completed.
- 300 Win Mag 200 Swift A-Frame - 85 Product Sample dummies for Reps and shows completed.
- Improved Foster 12 ga. Slug - 5 cutaway dummies completed.
- Improved Foster 12 ga. Photo Dummies completed 15 each 2 3/4" and 3".

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o Biodegradable Wad Status

Bio Wads - Still no evidence of degradation after 12 months exposure.

Mortile TVL-50 - This polymer appears to be really biodegradable.

Although this polymer did not biodegrade in the six-week period claimed by the manufacturer, it has shown a significant amount of breakdown in the 10-month evaluation period.