

Customer Testimonial



Almagard® Vari-Purpose Lubricant (3752)

Ring Container Technologies – Belle Fourche, South Dakota

Liberty Blow Molding Machines

- Saved \$12,777 in a four-year period
- Provided protection for wear components, eliminating need for replacements
- Kept production consistent and prevented out-of-spec occurrences

Customer Profile

Ring Container is a U.S.-based company with manufacturing plants in 18 states, plus one in the U.K. and one in Canada. This plant has three production lines and produces poly containers using blow mold machinery. It has been in business and has been an LE customer since 2005.

Application

Ring Container uses three Liberty RSI 3500 blow molding machines to manufacture 1.5- and 4-gallon poly containers used by adjacent bentonite plants to package granular bentonite marketed as kitty litter.

Challenge

Machine ways, slides, shafts and bearings require a durable lubricant with high anti-wear characteristics. Wear on these components will result in loss of precision in the molding process and a high rejection rate.

Solution

Mike Carter, LE lubrication consultant, recommended Almagard® Vari-Purpose Lubricant (3752) which is a multifunctional EP lubricant for extended service under extreme conditions. It is very tacky, water-resistant and rust- and corrosion-inhibited. It will not pound out.

Results

Almagard Vari-Purpose Lubricant has provided excellent wear protection for all the precision wear components of the machinery. This has kept production of containers



consistent and prevented out-of-spec occurrences. There has been no replacement of wear components necessary in four years of operation. At other Ring plants it is necessary to replace these components every two years.

- Cost of replacement wear components is \$2,500 per machine x 3 machines = \$7,500. Twice in 4 years = \$15,000.
- Cost of Almagard Vari-Purpose Lubricant over four years is \$2,223.
- Ring Container has saved \$12,777 in a four-year period.



Other LE Products Used

- Duolec® Vari-Purpose Gear Lubricant (1605)
- Monolec® Wire Rope Lubricant (2001)
- Monolex® Penetrating Oil & Lubricant (2059)
- Quinplex® Food Machinery Lubricant (4025)
- Monolec® Hydraulic Oil (6120)
- Monolec® Synthetic Industrial Oil (9046)
- Monolec® Synthetic Industrial Lubricant (9220)
- Des-Case® hygroscopic breathers

Thank you to Ring Container's Gene Secrest, maintenance manager, and to Mike Carter, LE lubrication consultant (pictured), for providing the information used in this report.



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Based on actual user experience. Individual results may vary. Not intended to supersede manufacturer specifications.

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