



Duolec® Vari-Purpose Gear Lubricant (1605)

Almagard® Vari-Purpose Lubricant (3752)

Monolec® Hydraulic Oil (6120)

Coyne Textile Services – Cleveland, Ohio

Laundry Equipment

- **Extended the period between gearbox drains on most equipment by two-fold**

Customer Profile

Coyne Textile Services (CTS) is headquartered in Syracuse, New York. They began operations in 1933 and have grown to 30 locations in 14 states. The Cleveland location has been an LE customer since 1989.

Application

There is a variety of equipment at the Cleveland, Ohio site, including Ellis 900 pound washers and 225 pound centrifugal extractors. There are Unimax 100 pound washers, Grantham 400 lb. dryers, a 200 lb. hydraulic ram squeezer and several American roll ironers and shirt presses.

Challenge

The Coyne Textile Services plant in Cleveland operates 17 hours per day, 5 days a week. Like all industrial laundries, the service environment is a combination of water, high temperatures and heavy loads.

LE Solution

Terry Koberna, maintenance engineer, joined CTS in 1989. He was familiar with LE lubricants from his previous work experience and chose to use them in the Cleveland plant.

Results

“Demulsibility is the key,” says Terry. “Other commercially available gear oils just wouldn’t hold up. CTS has been

able to extend the period between gearbox drains on most equipment by two-fold.” He goes on to say, “It is sad when I take it (LE’s Duolec® Vari-Purpose Gear Lubricant 1605) out because it looks almost as good as the day I put it in.”

Terry has decided to change oil annually rather than extend oil usage through oil analysis for several reasons. The gearbox capacities are small and it is less expensive to replace with new oil than to have analysis done. Also, the cost of Duolec 1605 is so small compared to potential downtime, that new oil in the gearboxes gives him a great deal of assurance that he will not have any lubricant related problems for at least another year.

On washers, the oil is drained at four month intervals. Terry has also been able to reduce the number of different gear lubes on hand by using Duolec 1605. All gearboxes operate noticeably quieter.

Almagard® Vari-Purpose Lubricant (3752) is used exclusively throughout the plant in all equipment. Grease consumption has dropped a great deal. Terry states, “I am using less grease. There is no doubt about that, because we don’t have to grease as frequently.” He goes on to say, “Almagard 3752 has gotten me out of a lot of jams. Usually a noisy failing bearing can make it to the weekend with a fresh shot of Almagard 3752. It quiets right down. Then we can replace it over the weekend without any loss of production.” Almagard 3752 performs well in both the wet environment of the



washers and the steamy, hot environment of the dryers. Terry says, "The stuff is wonderful."

Monolec® Hydraulic Oil (6120) is used in the tilt load washers. It is used in the hydraulic tilting system that allows the washers to be loaded and unloaded. Again, the demulsibility characteristics of Monolec 6120 keeps water from mixing with the oil, causing problems. Monolec 6120 will be used in the ram squeezer at the next oil change.

Terry Koberna of CTS is convinced that LE products have saved them tremendous amounts of money by reducing the incidence of equipment failure, downtime and labor expenses.

Thank you to Terry Koberna, maintenance engineer, and to Joe Kuntz, LE lubrication consultant (pictured), for providing the information used in this report.



Duolec®, Almagard® and Monolec® are registered trademarks of Lubrication Engineers, Inc.

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

SIC 7218
LI70182 7-12

