



Almagard® Vari-Purpose Lubricant (3751)

Cintas – Traverse City, Mich.

Washex Industrial Laundry Washers

.....

- **Eliminated bearing failures**
- **Reduced wear**
- **Reduced noise and vibration**

Customer Profile

Cintas is an industrial laundry and supply company. They have been an LE customer since 1984.

Application

Major pieces of equipment in this laundry facility are the Washex units. These units are four-pocket, float-air suspension systems and are capable of holding 700 lbs of laundry in one cycle.

Challenge

The washer units are in constant use washing rugs, linens and uniforms. While using a commercial grade lubricant in the bearings, they were experiencing premature failures. Because bearings are exposed to constant water and detergent, the commercial grade lubricant was mixing with water and washing out of the bearings.

LE Solution

Almagard® Vari-Purpose Lubricant (3751) was recommended as it is a truly multifunctional lubricant that provides extended service even under extreme conditions. It can be used in all types of equipment where a very tacky lubricant is required. Almagard 3751 offers excellent water resistance and maintains superb temperature characteristics. It will not pound out, even under excessive loads. It has superior EP (Extreme Pressure) characteristics. Because it clings tenaciously, rust and corrosion do not have a chance to form.

Results

The performance of Almagard 3751 was graphically demonstrated when it was pumped into a bearing that was

in need of replacement. Almagard 3751 was being used as a stopgap measure until a new bearing could be scheduled for installation. It was six months before the bearing was replaced. The maintenance personnel were astounded. While using the commercial grade grease, they were replacing six bearings annually. Since converting to Almagard 3751, there have been virtually no failures. In

Cintas was also experiencing severe wear in the washer drive bearings. Almagard 3751 was installed and has drastically reduced wear. The maintenance personnel have also noticed a reduction in noise and vibration.

Other Products Used

- The Compair 20 hp and DeVilbiss 15 hp air compressors were requiring one quart of makeup oil per week using a commercial grade air compressor oil. After converting to Monolec® R & O Compressor / Turbine Oil (6404), drain intervals have been extended from 200 hours to 2,000 hours. Temperatures and consumption have also been reduced. The maintenance personnel at Cintas can now drain off any condensation that forms and makeup oil has been reduced to one quart every two months.
- Almaplex® Industrial Lubricant (1275) is being used for all electric motors. It is working very well in the moist environment of the laundry.

Thank you to Roger Jones, head of maintenance, and to Greg Klang, LE lubrication consultant (pictured), for providing the information used in this report.





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

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

SIC 7218
LI70450 08-01

300 Bailey Avenue • Fort Worth, TX 76107 • Fax: 800-228-1142
LE operates under an ISO 9001 Certified Quality System.



www.LElubricants.com
800-537-7683