

Customer Testimonial



Monolec® Hydraulic Oil (6110)

Cintas Corp. – Bridgeville, Pa.

Lavatec Washers

- Extended oil drain intervals from 3 months to 1 year
- Lowered operating temperatures

Customer Profile

Cintas Corporation is an industrial launderer specializing in uniform cleaning. They are located in the greater Pittsburgh area where they have been in business since 1986.

Application

Cintas Corporation runs six Lavatec washers, model number 445. They are hydraulically driven and operate at 4000 PSI. They are used for washing massive amounts of uniforms for corporate clients. They operate five days a week, 24 hours a day.

Challenge

While using a commercial grade hydraulic oil, the units would run fine for three months. After the three months the washers would start operating at erratic speeds and the oil seemed to foam excessively. Water jacket coolers cool the units. High heat of the units caused water to settle in the oil sumps due to condensation. The water had to be drained off every weekend. Hydraulic pumps and motors were replaced every two years. High temperature alarm faults occasionally sounded causing shutdown. Because of this, they had to change the oil every three months.

LE Solution

Larry Boyle, LE lubrication consultant recommended Monolec® Hydraulic Oil (6110), which contains an anti-wear additive, rust and oxidation inhibitors, and is water-resistant and antifoaming. It has high temperature stability, long life, and uniform power flow.

Results

Monolec 6110 was installed in May of 2000. Each unit holds 15 gallons of oil. Every three months a unit was converted to Monolec 6110. The original washer initially filled with Monolec 6110 is performing flawlessly one year later. The year old oil will soon be drained since the oil has lasted four times longer than the commercial brand. One-year drains will be standard even though the oil looks like it could last longer. There is no condensation of water with the use of Monolec 6110. Bill Fisher, maintenance supervisor, feels the unit cooled down so much that condensation never appears. High temperature faults have not been triggered using the Monolec 6110. Bill also believes the hydraulic pumps and motors will last longer.

Bill says, "I love LE's Monolec Hydraulic Oil. It has made my job easier. We used to change oil very three months and lose production of the washers when the alarms sounded. Due to longer drain intervals with Monolec 6110, it is even the cheaper oil."

Other LE Products Used

- Monolec® R & O Compressor / Turbine Oil (6402) – air lines
- Duolec® Vari-Purpose Gear Lubricant (1606) – all plant gearboxes

Thank you to Bill Fisher, maintenance engineer, and to Larry Boyle, LE lubrication consultant, (pictured) for providing the information used in this report.





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