

6405 MONOLEC® R & O COMPRESSOR / TURBINE OIL

TEXTILE COMPANY IN GEORGIA

Busch Vacuum Pumps • SIC 2211 Broadwoven Fabric Mills, Cotton

CUSTOMER TESTIMONIAL

CUSTOMER PROFILE

This Textile Company is a manufacturer of a popular brand of healthcare textile products. They have been an LE customer since 1988.

APPLICATION

The Textile Company plant runs 24 hours a day, six days a week. They use Busch vacuum pumps, blowers and air compressors for plant services and air, along with various production machinery and drying ranges.

AREA OF INTEREST

While using a commercial grade turbine oil, they were experiencing sludging, overheating and high vibration in the Busch pumps. The oil had to be changed monthly.

LE SOLUTION

LE Representative Mark Jones recommended LE's 6405 for the Busch pumps. LE's 6405 contains MONOLEC, LE's exclusive wear-reducing additive and offers excellent oxidation resistance. It does not emulsify with water and protects against corrosive wear.

- + Temperature Reduced
- + Vibration Reduced
- + Savings of \$5,000 annually

CUSTOMER COST SAVINGS

After installing LE's 6405 MONOLEC® & O Compressor / Turbine Oil in the five vacuum pumps, temperatures were reduced from 175°F (79°C) to 152°F (67°C), and vibration was reduced by 30%. Repair cost to the Busch vacuum pumps is estimated at \$500, for parts and labor. **Using LE's 6405 has reduced this cost from \$500 per month to \$500 every six months, or a savings of \$5,000 annually.**

OTHER PRODUCTS USED

LE's 6805 MULTILEC® Industrial Oil is used inside drying range on apron chains. This has resulted in much cleaner rail bushings and less wear at over 400°F (204°C). Excess carbon buildup has been eliminated and the automatic drip rate reduced by about 55%. LE's 6805 has been used in this application since February of 1996.

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- + **LE's 1250 ALMASOL® High Temperature Lubricant** is used to 420°F in acrylic range bearings with no bearing failure in three years. Normal bearing replacement has previously averaged 14 months with a specialty high temperature grease.
- + **LE's 1275 ALMAPLEX® Industrial Lubricant** is used in the steam area on bearings. It seals out water and there has been no bearing loss in over two years. LE's 1275 has more than doubled bearing life compared to the previously used commercial and specialty grade greases.
- + **LE's 6404 MONOLEC® R & O Compressor / Turbine Oil** has been used in four Joy reciprocating compressors since February of 1991. They schedule an oil change annually, and have experienced no problems.
- + **LE's 452(M) ALMASOL® Chain & Cable Lubricant** is used on ground conveyor chains. During the 13 years of using LE's 452(M), they estimate chain life has been extended five to six times.

We want to thank the personnel at this Textile Company and LE Representative Mark Jones for providing the information to prepare this report.



Mark Jones