



Monolec® R & O Compressor / Turbine Oil (6405)

Textile Company in Georgia

Busch Vacuum Pumps

- Reduced temperatures 23°F (12°C)
- Reduced vibration 30%
- Saves \$5,000 per year in pump repair costs

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.

Challenge

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

Mark Jones, LE lubrication consultant, recommended LE's Monolec® R & O Compressor / Turbine Oil (6405) for the Busch pumps. Monolec 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.

Results

After installing Monolec 6405 in the five vacuum pumps, temperatures were reduced from 175°F (79°C) to 152°F (67°C), and vibration was reduced by 30 percent. Repair cost to the Busch vacuum pumps is estimated at \$500, for parts and labor. Using Monolec 6405 has reduced this cost from \$500 per month to \$500 every six months, or a savings of \$5,000 annually.

Other Products Used

- Multilec® Industrial Oil (6805) 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 percent. Multilec 6805 has been used in this application since February of 1996.

Thank you to the personnel at this textile company, and to Mark Jones, 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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