



Monolec® R & O Compressor / Turbine Oil (6402)

Springs Industries, Inc. – Nashville, Tenn.

Sewing Machines

- **Cut maintenance downtime by 50%**
- **Extended oil drain intervals**

Customer Profile

Springs Industries Inc. is a worldwide maker of bath carpets and area rugs. They have been in business since 1955, and an LE customer since 1991.

Application

Union Special 56500, Pegasus EX 5204, Wilcox-Gibbs 4015, and Singer 269W sewing machines

Challenge

While using a commercial brand oil furnished by the manufacturer, they were experiencing excessive parts wear and had frequent drain intervals. They were having more machine head heat, and had build-up of sludge on sewing machine cases and oil pans. They had very bad lint and dust on the feed dogs, and excessive amounts of rubber (backing of rugs) in the oil.

LE Solution

The local LE lubrication consultant recommended Monolec® R & O Compressor / Turbine Oil (6402), which is a rust and oxidation inhibited oil for reciprocating and rotary compressors, steam turbo generators, smaller

industrial turbines, gears, bearings and circulating systems. It separates readily from water and prevents corrosive wear. It is extremely long lasting and nonfoaming in service.

Results

Since switching to Monolec 6402, downtime on maintenance has been cut by 50 percent. Crankshafts were being replaced two times a year on all sewing machines. Since using Monolec 6402, they have not replaced any crankshafts in the last five years. In addition, they have reduced the replacement of all other parts by 50 percent. They were previously changing the oil every week. Now, instead of just changing the oil, they strain the Monolec 6402 to get the lint out, and put it back into the sewing machines and reuse it at least twice the normal expected drains.

Thank you to Mike Howell, head maintenance supervisor & head mechanic, and to Chris Nowlen, LE lubrication consultant (pictured), for providing the information used in this report.





Monolec® is a registered trademark of Lubrication Engineers, Inc.

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

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