



Multilec[®] Industrial Oil (6804)

ARC International – Las Vegas, Nev.

Sharp 2125 Lathe

- Reduced operating temperatures
- Reduced amperage

Customer Profile

ARC International is a manufacturer of analog rollers for the printing industry. They have been in business 10 years and have been an LE customer since 1994.

Application

In their manufacture of analog rollers, ARC International uses a Sharp 2125 lathe. This lathe is equipped with a 30 hp motor, and it is one of several ARC uses to fine cut the rolls prior to finishing. The units operate two shifts, six days a week, 16 hours a day.

Challenge

While using a commercial grade lubricant, the lathe was running extremely hot. There was also excessive noise and the lubricant appeared dark and burned.

LE Solution

The local LE lubrication consultant recommended LE's Multilec[®] Industrial Oil (6804) as it has the capabilities to lower temperatures, reduce electrical power usage and is suitable for multiple applications throughout their plant.

Results

Temperature and amperage readings were taken on the lathe before installing Multilec 6804. Temperatures dropped from 220°F to 193°F (104°C to 89°C) after installing Multilec 6804, and there was an 8.5 drop in amperage. ARC International estimates that this 8.5 amp drop will equate to a \$1,134.06 yearly savings in electrical energy.

Thank you to Steve Hill, maintenance, and to the local LE lubrication consultant, for providing the information used in this report.



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

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

SIC 2759
LI70220 03-98

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