

**6802 MULTILEC® INDUSTRIAL OIL**

**Metlcast Products, Inc., Salina, KS**

**Sullair Rotary Air Compressor • SIC 3321 Gray and Ductile Iron Foundries**

**8 amps Reduction**

**CUSTOMER PROFILE**

Metlcast Products, Inc. is a ferrous metal casting and machining operation. Products include bearing journals for the agricultural industry. They have been an LE customer since 1997.

**APPLICATION**

They operate a Sullair 10B 30 HP rotary air compressor, used for the plant air supply. They also use 100 HP and 75 HP Rotary units.

**AREA OF INTEREST**

They were experiencing elevated temperatures and foaming with subsequent short change-out intervals.

**LE SOLUTION**

The local LE Representative recommended 6802 MULTILEC® Industrial Oil. LE's 6802 is a multi-functional, heavy-duty rust and oxidation inhibited, anti-wear oil for air compressors, hydraulics, bearings, pumps and gear applications. It has excellent water separation ability and combats acid hydrolysis in rotary screw

compressors.

After the initial presentation and several follow-up visits, they agreed to change out the smaller unit for comparison purposes.

**CUSTOMER COST SAVINGS**

Amperage draw measurements were taken before the lubricant change over. The draw was an average of 31 amperes per phase when loaded. After the change over, the amperage draw was 23 amps, loaded. **This represents a reduction of 8 amps when fully loaded.** The unit uses 480-volt power. They are paying 4.5 cents per kWh and run 3,120 hours per year. **They are saving between \$794.00 and \$496.00 per year**, depending on the load, for this small compressor alone. They were so impressed with the savings from the one small compressor, they have since converted all of the compressors in the plant to LE's 6802.

**OTHER PRODUCTS USED**

Equipment gearboxes requiring an ISO 220 AGMA 5EP gear oil have been filled with LE's 607 ALMASOL® Vari-Purpose Gear Lubricant.

We would like to thank Chief Engineer, Jerry Rasette and the local LE Representative for providing the information used to prepare this report.

Based on actual user experience. Individual results may vary. Product used not intended to supersede manufacturer's specifications.

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