

## 6402 MONOLEC® R & O COMPRESSOR / TURBINE OIL

KORET OF CALIFORNIA, INC., Price, UT

Joy Twistair 50 hp Air Compressor • SIC 2339 Women's etx. Outerwear, nec

LE's 6402 SAVES \$71.14 ANNUALLY ON ENERGY CONSUMPTION

CUSTOMER TESTIMONIAL

### **CUSTOMER PROFILE**

Koret of California is a major manufacturer of clothing for women, misses and juniors. This particular location produces sports clothes and sport equipment accessories. They have been an LE customer since 1992.

### **APPLICATION**

The Joy Twistair air compressor supplies air for all equipment in the plant, thus making it a vital piece of equipment.

### **AREA OF INTEREST**

The personnel of Koret were interested in using an oil in the air compressor that would reduce amperage usage and temperature in the unit. Plant temperatures range from 60°F to 80°F (16° to 26°C), and the unit is in use eight hours per day, five days per week.

### **LE SOLUTION**

It was recommended that Koret use LE's 6402 MONOLEC R & O Compressor / Turbine Oil. The MONOLEC Compressor Oil meets the needs of both rotary and reciprocating air compressors, and contains special additives to control deposits. LE's 6402 also protects against rust, corrosion and wear.

### **CUSTOMER COST SAVINGS**

Amperage was measured before and after installing LE's 6402. After converting to LE's 6402, Koret noted an amperage reduction of 1.5 amps, or \$67 annually on this unit.

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The following formula is used to find the cost of a unit's electrical consumption. This is the same formula used by the local utility company.

$$\begin{aligned} & \text{Volts} \times \text{Amps Saved} \times 1.73^* = \text{kW Savings} \\ & \text{kW Savings} \times \text{Hours of Operation Per Year} = \text{kWh Savings} \\ & \text{kWh Savings} \times \text{Electrical Charge} = \text{Energy Savings Per Year} \\ & \text{*Conversion Factor for a 3-Phase Power Source} \end{aligned}$$

$$\begin{aligned} & .220 \times 1.5 \times 1.73^* = .57 \\ & .57 \times 2080 = 1185.60 \\ & 1185.60 \times .06 = \$71.14 \end{aligned}$$

***LE's 6402 SAVES \$71.14 ANNUALLY ON ENERGY CONSUMPTION***

Not only did Koret save money on electrical consumption, but the temperature in the unit also dropped 30 degrees.

We wish to thank Ted Crowther and LE Representative Mike Hansen (pictured) for the information provided to prepare this report.

