

9100 MONOLEC® SYNTHETIC AIR COMPRESSOR OIL

SEAGATE SUBSTRATES, INC. - Anaheim, CA

ComAir Hydrovane Air Compressor • SIC 3695 Magnetic & Optical Recording Media

CUSTOMER TESTIMONIAL

CUSTOMER PROFILE

Seagate Substrates, Inc. is located in Anaheim, CA. Seagate is recognized worldwide as a manufacturer of high tech hard disc components for the computer industry.

APPLICATION

Air is supplied 24 hours a day, 364 days a year by the CompAir Hydrovane model 218 air compressor manufactured by Kellogg American, Inc.

AREA OF CONCERN

The compressor was running hot and Seagate Substrates felt that a good maintenance procedure would be to change the lubricant every six months. They assumed that this would be a standard operating procedure to keep the compressor in operation.

LE SOLUTION

In January 1990, the local LE Representative recommended converting this compressor to LE's 9100 MONOLEC Synthetic Air

Savings of
\$3,114.55 Annually

Compressor Oil. It is a 100% synthetic lubricant formulated with MONOLEC; LE's exclusive wear-reducing additive which functions in conjunction with an exclusive additive package to give extended service life. In order to document the cost savings by converting to LE's 9100, ISO 100, the local LE Representative recommended that Seagate take amperage readings of the compressor before and after the changeover.

CUSTOMER COST SAVINGS

Prior to the conversion to LE's 9100 MONOLEC Synthetic Air Compressor Oil, amperage readings were taken using the commercial grade lubricants. Amps measured 60.9. Two weeks after converting to LE's 9100, amperage readings were 54.5 - a 6.4 reduction! Using the following formula, Seagate Substrates realized annual savings of \$3,114.55.

$$\frac{6.4 \text{ Amps} \times 460 \text{ Volts} \times 1.73^* \times 24 \text{ Hours} \times 364 \text{ Days} \times \$0.07}{\frac{\text{Amp Volt}}{\text{Watt}} \frac{1000 \text{ Watts}}{\text{Killowatt}} \text{ Day} \text{ Year} \text{ kW Hour}} = \$3114.55$$

*Conversion Factor for a 3-Phase Power Source

Seagate Substrates is also concerned with the environmental impact of disposing of the used lubricant. With oil analysis readings being taken to safely extend oil drains, using LE's 9100 MONOLEC® Synthetic Air Compressor Oil will greatly reduce the amount of lubricant for disposal.

We wish to thank Facilities Manager Jim Niemeyer, Maintenance Supervisor David Ogle and LE Representative Bob Sodergren (pictured) for providing the information 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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300 Bailey Ave · Fort Worth, TX · Phone: 800-537-7683 817-916-3200
FAX: 800-228-1143 817-820-0027 · www.le-inc.com

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