

6403 MONOLEC[®] R & O COMPRESSOR / TURBINE OIL

INDIANA STATE UNIVERSITY, Terre Haute, IN

Two Gardner-Denver Air Compressors • SIC 8221 Colleges and Universities

CUSTOMER TESTIMONIAL

CUSTOMER PROFILE

Indiana State University has been operating for 132 years and has been an LE customer since 1976. LE supplies lubricants to the University's coal-fired Power Plant that generates steam for the University.

APPLICATION

Indiana State University uses two Gardner-Denver 100 hp air compressors, models EAPQMA. These air compressors help control the air systems on the campus. They run 24 hours a day, alternating weekly, with only one compressor running at a time.

AREA OF INTEREST

While using a commercial oil, the Gardner-Denver air compressors were experiencing short oil life and foaming. Indiana State University was changing the oil approximately four times a year, and this was causing eight hours of downtime for changing the oil.

Drain intervals were safely extended from
2,000 hours to
10,000 hours.

LE SOLUTION

LE Representative Berle Hartman recommended LE's 6403 MONOLEC[®] & O Compressor / Turbine Oil to John Little, Power Plant Manager and Jim Gregg, Assistant Power Plant Manager. LE's 6403 offers excellent oxidation resistance and does not emulsify with water. It is extremely long lasting in service and contains MONOLEC[®], LE's exclusive wear-reducing additive.

CUSTOMER COST SAVINGS

Using LE's 6403 MONOLEC R & O Compressor / Turbine Oil and Lubrication Engineers' (Oil) Analysis Program (LEAP) the drain intervals were safely extended from 2,000 hours to 10,000 hours. Here are the estimated cost savings:

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Labor for Oil Changes

Competitive Product

8 hours every 2,000 hours of operation @ \$12/hour	=	\$96.00
Two units x \$96 Labor	=	\$192.00
Cost for 10,000 hours of Operation	=	\$960.00

LE Product

8 hours every 10,000 hours of operation @ \$12/hour	=	\$96.00
Two units x \$96 Labor (every 10,000 hours of operation)	=	\$192.00
Cost for 10,000 hours of Operation	=	\$192.00

LE SAVES \$768 IN LABOR COSTS FOR EVERY 10,000 HOURS OF OPERATION

OIL COST SAVINGS

Competitive Product

Each unit holds 21 gallons of oil @ \$4.00/gallon		
Oil cost for 2,000 hours of operation	=	\$84.00
Oil cost for two units @ 2,000 hours	=	\$168.00
Oil cost to run both units for 10,000 hours	=	\$840.00

LE Product

Each unit holds 21 gallons of oil @ \$10.25/gallon		
Oil cost for two units to run 10,000 hours	=	\$430.50

LE SAVES \$409.50 IN OIL COSTS

OVERALL, LE's 6403 MONOLEC R & O COMPRESSOR / TURBINE OIL SAVES \$1,177.50 IN OIL AND LABOR COSTS EVERY 10,000 HOURS OF OPERATION

OTHER LE PRODUCTS USED

- ◆ 607 & 609 ALMASOL® Vari-Purpose Gear Lubricant
- ◆ 1275 ALMAPLEX® Industrial Lubricant
- ◆ 2059 MONOLEX® Penetrating Oil & Lubricant
- ◆ 5100 PYROSHIELD®.

We would like to thank John Little, Power Plant Manager, Jim Gregg, Assistant Power Plant Manager and LE Representative Berle Hartman (pictured) for the information provided to prepare this report.

