



Summary



Industry:	Pharmaceutical
Application:	Gearbox Oil Energy Saving
Actual Saving:	£9,254.00
Payback Period:	4 Months



ERIKS Conduct a Lubrication Survey for a Pharmaceutical Company

A Lubricant Replacement Ensures Significant Energy Savings

ISSUE

ERIKS experts have recently conducted a lubrication survey of the main plant of a pharmaceutical company to review the current lubricants used and, if applicable, offer alternatives and standardize.

As part of the survey it was identified that a potential energy saving could be achieved by changing the existing lubricant in the gearboxes to another lubricant that provides an energy saving and increases the working life of the gearbox.

SOLUTION

The potential energy saving is in the region of 10% to 12% per gearbox. This is achieved due to the low traction coefficient resulting in increased energy efficiency and lower oil/system temperatures.

A number of additional benefits are also present due to the unique properties of these oils such as allowing for more torque to be put through the reducer while in many cases lowering the operating oil sump temperature correlating to longer seal, oil, and gearbox life.

OTHER BENEFITS

- Energy Saving
- Reduced Maintenance
- Improved Reliability
- ERIKS Know-How

FURTHER COMMENTS...

The customer is delighted with the energy savings and the reduced man hours needed to maintain these critical plant gearboxes.

MORE INFORMATION

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know-how makes the difference

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