



# Energy efficiency study



Professional lubrication insights can help optimize energy efficiency and lower power-related costs. Our engineers work with the client to explore the potential benefit of synthetic lubricant usage on energy efficiency.

You can access the JSA and SOP library by going to [www.sharepoint.com](http://www.sharepoint.com).

JSA and SOP »

Service profile



# Energy efficiency study



Energy lives here™

► Professional lubrication insights can help maximize your operation’s energy efficiency and limit energy-related costs.

## Description

Highly trained ExxonMobil representatives work with you to explore how synthetic lubricant usage could help maximize energy efficiency – to minimize power-related costs, lessen your carbon footprint and extend fluid life (compared to conventional lubricants). They present the theory and application behind using lubricants that can provide energy-efficiency benefits.

## Application

We work with you to:

- Determine objectives, expectations, focus and scope
- Coordinate and oversee pre-test, test and post-test work
- Involve and coordinate with appropriate plant personnel
- Develop detailed test protocol
- Respect all safety and labor rules and ensure complete confidentiality
- Document results and recommendations

## Potential benefits



Optimized energy efficiency and lower power-related costs



Enhanced environmental impact through minimized carbon footprint and long fluid life

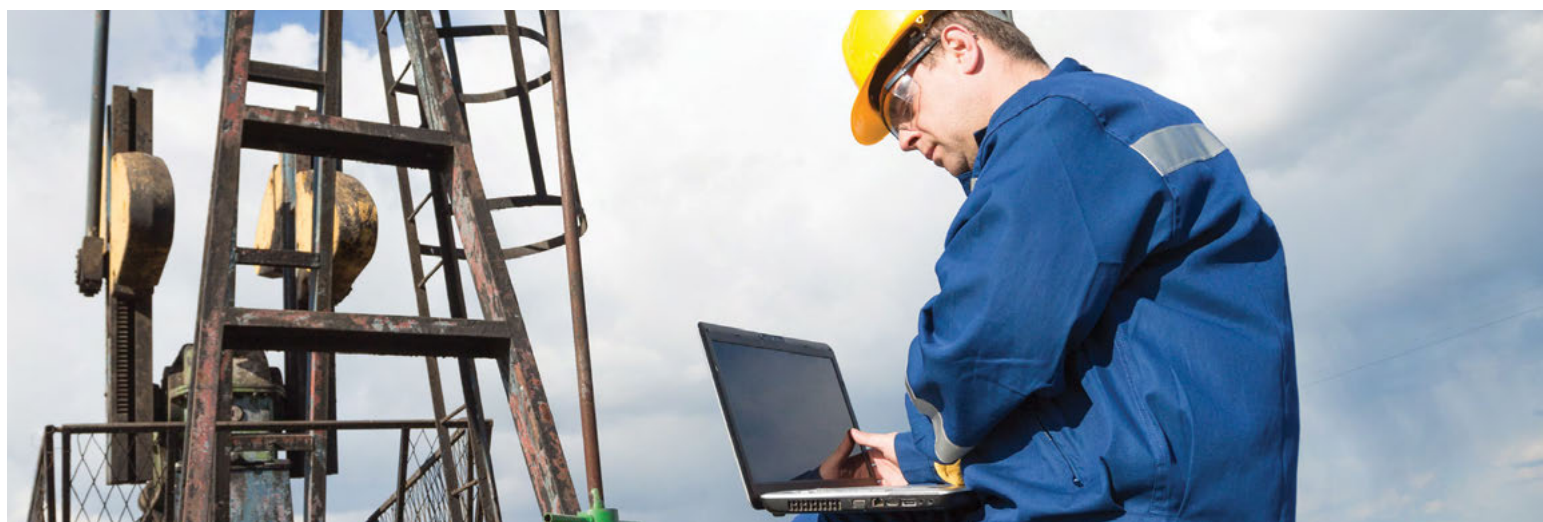


Enhanced lubricant and equipment life through minimized operating temperatures



Enhanced safety through minimized maintenance risks due to long oil life and lower operating temperatures

## Energy efficiency study



**Deliverable:** An Engineering Service Report details the energy efficiency study's results and estimates the value of its recommendations to help achieve efficiency and savings.

### Common opportunity areas

- Identifying the optimum lubricants for energy efficiency benefits
- High operating temperatures
- Determining the potential energy saving objectives that will meet customer sustainability goals

### Safety, health and environment

Our field engineers are attuned to the hazards of handling, storing and using petroleum products. They strictly observe safety and environmental rules, as well as ExxonMobil and customer safety practices. They coordinate efforts through designated plant personnel verifying electrical and mechanical lockout and proper tagging prior to working on equipment, and providing recommendations to help reduce hazards.

Industrial  
Lubricants



By helping you enhance equipment life and reliability — which minimizes maintenance costs and downtime — our expert services can help you achieve your safety, environmental care and productivity goals.