

# On-site lubricant analysis lab



Energy lives here<sup>™</sup>

- This service brings oil analysis directly to the mining operation — providing opportunities for improvements in safety, productivity and service life.

## Description

On-site lubricant analysis lab is a selective service for mining customers requiring world-class, on-site oil analysis for expedited reporting. We work to customize analysis limits and coordinate delivering analysis results to proper mine personnel. We then use analysis to better train personnel on proper sampling techniques, and better train on-site maintenance personnel. We use our expertise to provide technical recommendations that keep mining operations safe and productive.

## Approach

We work with you to:

- Install lab equipment on-site and operate analysis facility with qualified/trained technicians
- Establish proper equipment sampling techniques and frequencies
- Determine proper test slates and limits for equipment application
- Report trend analysis data for equipment and oil condition
- Facilitate interpretation of results with mine personnel
- Recommend data driven corrective action

## Potential benefits



Rapid lubricant analysis data to drive prompt maintenance decisions



Minimized equipment downtime — which can help increase production



Controlled maintenance costs



Minimized oil consumption

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**Deliverable:** The used oil analysis report documents and summarizes the oil analysis results. It contains recommendations for increasing safety, productivity and savings within the mining operation.

## Common opportunity areas

- Need for immediate oil analysis information
- Excessive machinery downtime
- Frequent, costly equipment maintenance
- Short equipment life

## 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



**Advancing  
Productivity™**

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.