

Integrated lubrication services

Emergency water and particulate removal



Energy lives hereSM

▶ Without interrupting production, this emergency service helps minimize the potential for serious component damage resulting from a sudden contamination event.

Description

Field engineers use their world-class expertise to provide you with immediate support following a sudden ingress of water or other contaminants. Because high contaminant levels can severely compromise a lubricant's ability to protect valuable assets, the service includes complete lubricant purification.

Application

Expert engineers will work with you to:

- Coordinate proper response to the contamination event
- Determine the root cause for the event
- Assist in implementing a solution that might include regular oil system preventive maintenance
- Coordinate arrangements with the service technician who will:
 - Complete the purification of the lubricant in the equipment
 - Verify that lubricant cleanliness specifications are met or exceeded
 - Offer reclamation equipment rental options for maintaining the restored cleanliness level

Potential benefits



Enhanced revenue through timely prevention of unscheduled downtime



Reduced costs of parts replacement and lubricant expenses



Decreased maintenance labor costs



Improved equipment reliability



Increased maintenance effectiveness



Reduced used lubricant disposal costs

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Deliverable: An Engineering Service Report details the lubricant treatment steps completed, documents lubricant cleanliness level prior to and after treatment, recommends steps to maintain lubricant system cleanliness and provides an estimated value of the service. Distribute and present the completed report to plant management and key personnel.

Common opportunity areas

- Elevated free water/condensation in system
- High contaminant levels
- Repetitive component failures due to lubricant contamination
- Oil that doesn't meet manufacturer specifications

Safety, health and environment

Field engineers are attuned to the hazards of handling, storing and using petroleum products. They strictly observe safety and environmental rules and 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.

Process details

1

Alert generated

- Oil analysis report
- Visual inspection

2

Equipment setup

- Installation of dialysis bypass lines
- Setup of reclamation equipment

3

Purify fluid and verify cleanliness level

- Testing performed
- Inspection of system filters

4

Final inspection of components and reservoir

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.