

Integrated lubrication services

High velocity oil flushing



Energy lives here™

- Lube system flushing and filtration, when done properly by a trained engineer, can help you boost equipment reliability and avoid costly downtime due to carbon and/or varnish/sludge buildup.

Description

Expert engineers thoroughly inspect your equipment to assess the cleanliness of your lubricant circulation system. If necessary, they recommend a high-velocity oil flush to remove carbon and/or varnish/sludge buildup that can severely compromise equipment performance.

Application

Expert engineers will work with you to:

- Implement a plan to ensure optimal equipment performance
- Help achieve the recommended cleanliness level
- Coordinate with service provider to:
 - Complete the high-velocity oil flush
 - Gather baseline and other relevant data

Potential benefits



Enhanced revenue through prevention of unscheduled downtime



Improved equipment reliability



Decreased maintenance labor costs



Reduced used lubricant disposal costs

High velocity oil flushing



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

Common opportunity areas

- Restricted orifices impeding flow
- Varnish/sludge buildup
- ISO cleanliness not meeting original equipment manufacturer specifications
- Frequent component failures due to lubricant contamination

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 Determine flushing protocol
- 2 Set up equipment and complete flush
- 3 Document test results
- 4 Complete service summary

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.