



Integrated Lubrication Services

Leakage Oil Reclamation

Service Data Sheet



Description

It is often impractical to repair or control lubricant leaks immediately, especially for critical equipment where downtime can result in significant revenue losses. However, if the leaked oil stream is properly collected and segregated, it is possible to restore it to a cleanliness level acceptable for continued use.

This Integrated Lubrication Service (ILS) offers on-site lubricant purification, typically performed on lubricant waste streams that have been collected in segregated storage.

Application

Mobil Industrial Lubricants field engineers work with plant personnel to:

- Identify areas of high lubricant usage that are potential candidates for reclamation of leaked oil streams
- Assist in implementing proper segregation and collection of leaked lubricant streams
- Help develop quality and cleanliness specifications to ensure that the reclaimed lubricant will be suitable for further use in the application
- Coordinate arrangements with the ILS provider who will arrive on-site to:
 - Appropriately treat the leaked lubricant to the target quality and cleanliness level (see Process Details, reverse side)
 - Gather key baseline and other relevant data for inclusion in the report

Potential Benefits

Potential benefits could include the following:

- Reduction in lubricant expenses
- Improved equipment reliability from the use of reclaimed oil with the required quality and cleanliness level
- Reduced waste lubricant streams
- Reduced used lubricant disposal costs

Deliverables

- Prepare an Engineering Service Report that:
 - Details the lubricant treatment steps completed
 - Documents the quality and cleanliness level of the leaked lubricant stream prior to and after treatment
 - Recommends steps to reduce or eliminate lubricant leakage during scheduled maintenance of the equipment
 - Provides an estimated value of the service to the customer
- Distribute and present the completed report to plant management and key personnel

Process Details

1
Segregate Used
Waste Oil Streams
and Store for
Processing

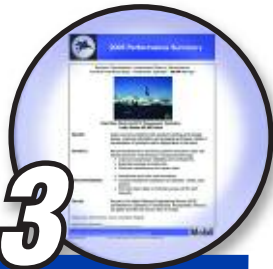


2
Reclaim Oil to
Customer
Specification



- First and Second Stage Filtration
- Centrifugal Separation
- Vacuum Dehydration and Polishing Filtration

3
Document Results
and Certify Oil for
Re-use*



***Actual lubricant condition (before and after service) depends on type and site environment.**

Common Opportunity Areas

- High oil usage
- Other environmental concerns

Safety, Health and Environment

Mobil engineers and ILS providers:

- Are attuned to the hazards of handling, storage, and use of petroleum products
- Coordinate efforts through designated plant personnel
- Strictly observe the site's safety and environmental rules and ExxonMobil safety practices
- Verify equipment electrical and mechanical lockout, proper tagging and potential explosion hazards prior to working on equipment
- Provide recommendations to reduce the hazards associated with spill, leakage and fire

www.mobilindustrial.com