

TEST PACKAGE

TRIBO 9

When a component **wears**, it leaves a trace in the **filter**.

Increasingly fine filtration makes conventional monitoring techniques less effective at indicating wear on machine components.

When components wear abnormally, debris is released into the lubricating oil system and trapped in the filter.

The **TRIBO 9** filter debris analysis (FDA) package identifies the specific components that are wearing and provides diagnostic and prognostic information on impending failures.

TRIBO-LABS applies this condition-monitoring program to critical components. The goal is to capture wear debris to count and size the filter particles, with high repeatability and reproducibility.

This method identifies and quantifies the elemental and metallurgical makeup of wear particles, key indicators of damage to fluid-wetted components.

TRIBO 9 Filter debris analysis test

Sample volume: filter element

- ✓ 24 elemental metals by ICP ASTM D5185
- ✓ Gravimetric solids in-house method
- ✓ Micropatch in-house method
- ✓ Analytical ferrography ASTM D7690

Main equipment it applies to

Lubrication systems

Hydraulic systems

Engines

How it **works**



01

Take the sample with the system running at operating temperature.



02

Fill out the TRIBO-LABS form for the corresponding test.



03

Send the sample to the laboratory for analysis.



04

TRIBO-LABS logs and analyzes the sample and generates an e-report.



05

You receive the report by email and review the recommendations.



48-72 h

Turnaround time once the sample is logged.

For more information, contact us:

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