

TEST PACKAGE

TRIBO 2

A **clean** lubricant is essential for your equipment.

TRIBO 2 is the recommended package for a routine analysis program: it verifies that the lubricant's viscosity, acidity (TAN) and additives are in proper condition.

Today's equipment runs with extremely tight tolerances and high pressures, which makes it susceptible to small amounts of contamination.

ICP-OES analysis (Inductively Coupled Plasma – Optical Emission Spectrometry) detects up to 24 elemental metals, in particles smaller than 10 microns, present in used oil from wear, contamination or additives. It measures moisture by **Karl Fischer**, with more precise values than the TRIBO 1 package.

The **FT-IR** test (Fourier Transform Infrared Spectrometry) detects, in abs/0.1 mm, oxidation, nitration, soot, glycol, water and fuel. This gives you a complete view of the lubricant's condition to take predictive action.

The **ISO 4406 particle count** quantifies contamination per milliliter of fluid in three sizes: 4, 6 and 14 µm.

TRIBO 2 Advanced industrial oil analysis test

Sample volume: 100 ml

- ✓ 24 elemental metals by ICP ASTM D5185
- ✓ Water % by Karl Fischer ASTM D6304C
- ✓ Viscosity at 40 °C or 100 °C ASTM D445
- ✓ Acid number ASTM D664
- ✓ Oxidation / Nitration ASTM E2412
- ✓ ISO particle count ISO 4406:99

Main equipment it applies to

Hydraulic systems

Turbines

Pumps

Reciprocating and rotary compressors

Morgoil lubrication

Yankee lubrication

Mill lubrication

Crushers

Fans

Reducers

Azimuth systems

Hydraulic winches

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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