

“A clean lubricant is essential in your equipment; they currently operate with extremely tight tolerances and high pressures, which make them susceptible to small amounts of contamination”



TRIBO 2

“The TRIBO 2 package is recommended for a routine analysis program, it allows verifying that the lubricant's viscosity, acidity (TAN) and its additives are in proper conditions”



Take a sample of the fluid, with the system operating in normal conditions.



Fill in the Tribolab® form corresponding to the Test it belongs to.



Send sample to Tribolab® to be analyzed.



Tribolab® records and analysis the sample, generating an e-report.



Tribolab® sends you an email report with the results. Customer evaluates recommendations.



Response time is 24 to 48 hr. Once the sample is registered in our laboratories.

Through the analysis by ICP-OES (Inductively-Coupled Plasma - Optical Emission Spectrometry), it detects up to 24 elemental metals, measures in concentration up to particles smaller than 10 microns in size, which may be present in the used oil either by wear, contamination or additives; it measures humidity by Karl Fischer and gives more precise values than the TRIBOL 1 analysis package. With TRIBO 2 package, we have a comprehensive view of the lubricant's state to take predictive actions, with the Fourier Transform Infrared (FT-IR) Spectrometr test, They can be detected by abs / 0.1mm (absorbance units per 0.1 millimeter) presence of oxidation, nitration, Soot, glycol, presence of water and fuels. TRIBO 2, provides you with information on the particles that have accumulated within your system and can affect the good performance of your equipment, through the ISO particle counting method (ISO4406.99), which allows you to quantify contamination levels of particles per milliliter of fluid in three sizes 4µ, 6µ and 14µ.

TRIBO 2: Advanced Industrial Oil Analysis Test. Sample Volume: 100ml

- 24 Metals by ICP (ASTM D5185)
- % Water by Karl Fischer (ASTM D6304C)
- Viscosity @ 40°C or 100°C (ASTM D445)
- Acid Number (ASTM D664)
- Oxidation/Nitration (ASTM E2412)
- ISO Particle Count (ISO4406.99)

Applies to the following equipment

Hydraulic Systems, Turbines, Pumps, Reciprocating and Rotary, Compressors, Mogoil Lubrication Systems, Yankee Lubrication Systems, Mill Lubrication Systems, Crushers, Fans, Reducers, Azimuth Systems and Hydraulic Winches

For more information you can contact us through the phones:

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