

“A well-planned fluid analysis program can become an important tool in maintaining your equipment.”



TRIBO 4



“A contaminated fluid can represent great problems for the engine, whether the additives are exhausted, the viscosity is inadequate, the acidity is altered, the pH is not correct, or even the formation of varnish occurs, which can completely affect your machinery.”

We recommend the **TRIBO 4** Basic Test package, this package allows to detect, through ICP-OES (Inductively-Coupled Plasma - Optical Emission Spectrometry) analysis up to 24 elemental metals, measures in concentration down to particles smaller than 10 microns in size. With the Fourier Transform Infrared (FT-IR) Spectrometry test, presence of oxidation, nitration, Soot, glycol, presence of water and fuels can be detected by abs / 0.1mm (absorbance units per 0.1 millimeter).

With **TRIBO 4**, you will be able to verify very important factors for the proper functioning of fluid, such as the viscosity or percentage of dilution, which can decrease the viscosity of the fluid, increasing wear. You will also have accurate information on the degradation of your fluid and the possible loss of thermal balance, all this through the Oxidation / Nitration analysis.



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.

TRIBO 4: Basic oil Analysis Test.

Sample Volume: 100ml

- 24 Metals by ICP (ASTM D5185)
- Viscosity @ 100°C (ASTM D445)
- Fuel Dilution % (ASTM D7593)
- % Soot (ASTM E2412)
- % Water by Crackle (Internal Method Tribolab)
- Base Number (ASTM DA4739)
- Oxidation / Nitration (ASTM E2412)

Applies to the following equipment

Diesel Engines and Generators.

For more information you can contact us through the phones:

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