TRANSPORTATION MARKET

Transport

Your partner to keep you *on the road* 24/7.

Fleets under control, backed by **TRIBO-LABS**, our lubricant analysis laboratory.

With a fluid analysis and monitoring program, transportation companies save a great deal with minimal investment. ***TRIBO-LABS*** is a practical solution: it not only delivers results within 24 to 48 hours, but also gives you the right recommendations and the services needed to correct failures or improve your fluids.

Our highly qualified data analysts and technical professionals are here to serve you, with one goal: substantial savings for your company through a more reliable fleet. At ***TRIBO-LABS*** we are your partner to keep you on the road 24/7.



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.

24–48 h
Turnaround time once the sample is logged.

Benefits for *transportation*

- Higher profitability
- Longer equipment life
- Fewer unplanned shutdowns
- On-time deliveries
- More investment value
- Lower lubricant consumption
- A more reliable fleet

Contact us
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RIF J-30915416-8
www.tribo-labs.com

TRANSPORTATION MARKET

TRIBO-LABS test packages

Diesel engines

DIESEL FUEL ANALYSIS

TRIBO 5 Basic diesel fuel test

Sample volume: 1 L

- Elemental analysis by ICP ASTM D5185
- Water and sediment ASTM D2709
- Bacteria, fungi and mold manufacturer
- ISO particle count ISO 4406:99
- Pensky-Martens flash point ASTM D3828

TRIBO 6 Advanced diesel fuel test

Sample volume: 1 L

- Elemental analysis by ICP ASTM D5185
- Pour point ASTM D7346
- Water and sediment ASTM D2709
- Bacteria, fungi and mold manufacturer
- Thermal stability ASTM D6468
- Viscosity ASTM D445
- Sulfur (ppm) ASTM D7220
- FBT ASTM D2068
- Flash point ASTM D3828
- Cetane index ASTM D976
- Cloud point ASTM D7689
- Distillation ASTM D7345
- ISO particle count ISO 4406:99
- Copper strip corrosion ASTM D130

OIL ANALYSIS

TRIBO 4 Engine oil test

Sample volume: 100 ml

- 24 elemental metals by ICP ASTM D5185
- Viscosity at 100 °C ASTM D445
- Fuel dilution % ASTM D7593
- Soot % ASTM E2412
- Water % by crackle in-house method
- Base number ASTM D4739
- Oxidation / Nitration ASTM E2412

COOLANT ANALYSIS

TRIBO 8 Coolant test

Sample volume: 100 ml

- Visual: color, oil and/or fuel contamination, precipitate, odor, foam, magnetic / non-magnetic in-house method
- pH ASTM D1287
- Glycol % (ethylene or propylene)
- Freezing point ASTM D3321
- Boiling point in-house method
- Nitrite in-house method
- TDS (total dissolved solids)
- Specific conductance in-house method
- SCA # in-house method
- Total hardness in-house method

Increase your fleet's *reliability* with the *right package* of lubricant analysis



Hydraulic steering

TRIBO 2 Advanced industrial oil 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

Gear systems

TRIBO 1 Basic industrial oil test

Sample volume: 100 ml

- 24 elemental metals by ICP ASTM D5185
- Water % by crackle in-house method
- Viscosity at 40 °C or 100 °C ASTM D445
- Acid number ASTM D664
- Oxidation / Nitration ASTM E2412
- ISO particle count ISO 4406:99

Transmissions

TRIBO 1 Basic industrial oil test

Sample volume: 100 ml

- 24 elemental metals by ICP ASTM D5185
- Water % by crackle in-house method
- Viscosity at 40 °C or 100 °C ASTM D445
- Acid number ASTM D664
- Oxidation / Nitration ASTM E2412
- ISO particle count ISO 4406:99

For more information, contact us:

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