

TEST PACKAGE

TRIBO 11

Grease protects the parts oil can't reach.

Grease lubricates sealed parts and components that cannot be lubricated often or that need higher viscosity and strength than oil.

Being thicker, grease withstands harsh conditions such as high speeds or heavily loaded components like roller bearings.

Metal wear particles and ambient dust contaminate grease. These contaminants can cause bruising, change the dimensions of rolling elements, reduce bearing efficiency and ultimately lead to equipment failure.

With **TRIBO 11** we correctly evaluate equipment and lubricant condition, to improve plant reliability, increase productivity and control spare parts costs.

Its main test is **Fourier transform infrared spectrometry (FTIR)**, which detects common contaminants, lubricant degradation by-products and certain additives in greases.

TRIBO 11 Grease analysis test

Sample volume: syringe

- ✓ FdM in-house method
- ✓ Color ASTM D6045
- ✓ FTIR
- ✓ Water % by crackle in-house method

Main equipment it applies to

Grease lubrication systems

Rolling and plain bearings

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:

NORTH AMERICA

+1 (786) 497.61.00 · (786) 537.49.71

SOUTH AMERICA

+58 (414) 439.53.03 · (424) 473.04.59 · (414) 342.51.61

EUROPE

+34 (658) 94.80.60 · +34 658 408 109