“When machinery components wear abnormally, waste is discharged into the lubricating oil system.”

TRIBO 9

TribeLab
ANALISIS DE FLUIDO Y SERVICIOS DE TRIBOLOGIA

“Increasingly fine filtration is making conventional monitoring techniques less effective in providing a reliable indication of wear on machine components.”

The TRIBO 9 Filter Residue Analysis (FDA) analysis package identifies specific components that are wearing out, providing diagnostic and prognostic information for impending failures.

TRIBOLAB® applies this program for monitoring the condition of the machinery for critical components. The objective is to capture wear debris to count and size the filter debris particles, with high repeatability and reproducibility. This method identifies and quantifies the elemental and metallurgical components of wear particles that are key indicators of damage to fluid-wetted components.

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 9: Filter Residue Analysis Test.

Sample Volume: Filter Element

- Elemental Metals (24) by ICP (ASTM D5185)
- Gravimetric Solids (Internal Method Tribolab)
- Micropatch (Internal Method Tribolab)
- Analytical Ferrorgraph (ASTM D7690)

Applies to the following equipmenta

Engine, Hydraulic systems and Lubrication system.

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