

Lab Resources

Clean Fluids Work Better and Last Longer



Overview

The Trucent Laboratory provides complete analytical and performance testing and analysis for industrial fluids, including oil, lubes, and coolants for numerous applications, along with petroleum- and biological-based oil extraction development.

We enable you to understand the benefits of Trucent technology applications in your process performance. The analysis and information, in addition to the quality recommendations you receive, give you the power to make informed decisions that maximize your process performance.

FULLY EQUIPPED

- Gas Chromatograph/Mass Spectrometer
- Gas Chromatograph/Flame Ionization
- Fourier Transform Infrared Spectrophotometer
- High Performance Liquid Chromatograph
- Karl Fischer Oil Moisture Analyzer
- Laser Particle Counter
- High Resolution Microscopy
- Pore Block Particle Counter
- PODS (Optical Particle Counter)
- Brookfield Viscometer
- Canon-Fenske Viscometers
- Ashing Oven
- Moisture balance
- Conductivity/TDS Meter
- Digital and Handheld Refractometers
- Nano-filtration Bench-top Unit
- pH Meters

CAPABILITIES

- Total Oil Analysis
- Free Oil Analysis
- Total Solids
- High-performance Liquid Chromatography (HPLC)
- Moisture Testing
- Viscosity Testing
- Particle Count
- Total Acid Number (T.A.N.)
- **Contact for more information**

Pilot Facility

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After obtaining samples from your facility, the samples are analyzed to determine the properties of the contaminants. Once the fluid and contaminants are understood, Trucent applies its expertise and technologies to define the proper process solution.

RESOURCES

- Wide range of centrifugation technologies
- Vacuum dehydrators
- Screw press
- Membranes and filters
- Scroll decanters
- Distillation technology

CAPABILITIES

- Bench testing
- Pilot processing
- Analytical analysis
- Full process modeling
- Process design