

Bureau Veritas

Oil & Petrochemicals



Oil Analysis

Maintain Equipment Reliability With
Expert Used Oil & Lubricant Analysis



**BUREAU
VERITAS**



In-Service Used Oil & Lubricant Analysis

Routine oil and coolant analysis identifies small problems within machinery components before they become catastrophic failures that can incur costly repairs and bring production to a halt. Bureau Veritas is your trusted partner for global oil analysis solutions.



Insightful - LOAMS is *the* global platform for viewing, mining and managing your test results



Actionable - Smart laboratory systems and expert data analysts equal maintenance recommendations that save money and equipment



Personable - Customer care and consultation services are focused on the highest return possible for your fluid analysis investment

Key Features	Customer Benefits
150 years of technical excellence in the Oil & Petrochemicals market	Your product expert for fuels, lubricants, coolants and oil analysis
Global Lube Oil Analysis Management System (LOAMS SM) for Oil Analysis	Exclusive software that brings clarity and meaning to complex laboratory results and maintenance recommendations that improve production and save money
No interruption to the production process	Samples can be taken while your equipment or fleet is in full operation
Precise, dependable and prompt reporting	Accurate results, the first time, every time
Independent and impartial testing results	Quality assurance executed to the highest standards, trusted by all parties



Testing & Analysis

Bureau Veritas operates oil analysis laboratories around the world. Our test slates identify trends in wear and contamination and pinpoint changes in the physical properties of lubricants, fuels and coolants to improve equipment reliability. From spectrochemical analysis to analytical ferrography, companies around the world depend on us to deliver quality results and informative, actionable maintenance recommendations.

Standardized ASTM procedures offer the most accurate and insightful methodologies for new and used oil analysis, fuel product qualification and special investigations. ASTM testing methodologies are routinely included in our oil analysis programs for new and used lubricants, distillate fuels, coolants and refrigerants.

Key Fluids Tested	
Coolants	New and Used Lubricants
Deposits and Filter Contents	Refrigerants
Distillate Fuels	Turbine Oils
Greases and Wire Lubricants	Waste Oils
Metal-Working Fluids	

LOAMSSM - Lube Oil Analysis Management System

Never has it been easier for equipment managers and maintenance personnel to optimize productivity using real-time oil analysis data. Using LOAMS – our exclusive Lube Oil Analysis Management System software – Bureau Veritas clients can:

- Monitor sampling schedules and submit samples online for fast, accurate laboratory processing
- View test results immediately
- Filter data by multiple parameters to manage large accounts or sets of data
- Graph trends in sample data to identify potential failures in progress
- Create report distributions for fast communication of critical conditions
- Move, merge or update equipment information across locations



Equipment Applications for Oil Analysis

Industrial	Customer Benefits
Power Generation / Utilities	Oil sampling will ensure your generating equipment is available when demand is up.
HVAC / Building Maintenance	Routinely monitoring chillers & compressors is essential to uninterrupted operations, predictable downtime & controlled operation costs.
Process Manufacturing	An effective oil analysis program will keep your equipment running through effective condition monitoring of oil wetted components.
Petrochemical	Achieve enhanced equipment reliability and improved maintenance scheduling with a world-class oil analysis program.
Waste Treatment	Oil analysis as part of a robust maintenance program is a very cost effective way of meeting these requirements.

Heavy Duty	Customer Benefits
Construction	An effective oil analysis program will help to identify component failures before they occur.
Mining	Oil sampling keeps a mine's critical equipment in operation by reducing costly unscheduled downtime.
Forestry / Agriculture	Benefit from an early warning of potential problems that can result in machine downtime and major component failures during season.
Freight & Trucking	Hauling freight is rough on engine components and smart fleet managers know that oil analysis programs mean improved ROI.

Innovation & Leadership

A globally recognized leader in oil analysis services, Bureau Veritas brings quality testing, an efficient data management platform and cost-effective, condition-based maintenance solutions to a wide range of industries. Our dedication to our customers and to generating and reporting quality results starts at the top.

ISO 17025 accreditation is a testament to top management's commitment to greater quality awareness, continuous improvement and efficiency. Strict quality control procedures are followed through every phase of laboratory analyses, data interpretation and final report preparation and our Quality Team monitors laboratory operations and personnel training to ensure reliable, repeatable test results. With multiple testing facilities worldwide, our peerless reputation for service extends around the globe.

LOAMSSM

Lube Oil Analysis Management System



Manage
Equipment



Monitor
Trends



Streamline
Communications

Manage Equipment

- Move, add new or modify existing units or components or merge duplicate
- Import & export equipment lists
 - View complete component sampling histories
 - Track maintenance events
- Create graphs to compare trends among multiple pieces of equipment



Monitor Trends

- Graph test results by make or model to compare equipment performance
- Graph sample condition across similar unit populations
- Customizable home page provides a graphical view of your accounts at a glance



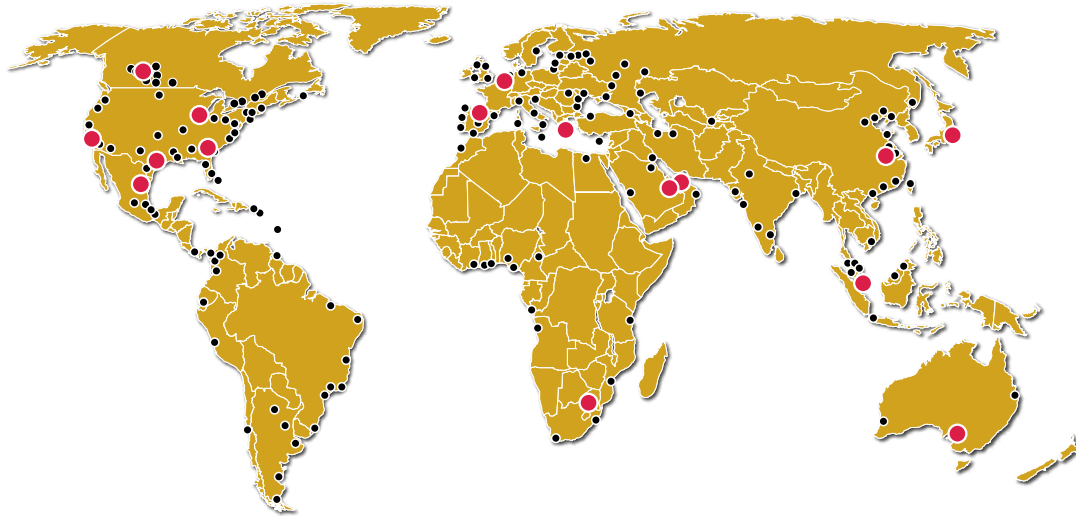
Streamline Communications

- Sort large sets of data by date range, severity, unit ID, make or model
- Automate sample report and management report distribution to anyone in your address book
- Designate the format, severity and frequency of sample reports e-mailed to you



Bureau Veritas

Oil Analysis Global Network



- Oil Analysis Laboratories
- Oil & Petrochemical Locations

Los Angeles - West

3401 Jack Northrop Avenue
Hawthorne, CA 90250
TEL: +1 800-424-0099

Houston - South

12715 Royal Drive
Stafford, TX 77477
TEL: +1 800-248-7778

Chicago - North

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Hoffman Estates, IL 60169
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Atlanta - East

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