



INDUSTRIAL OIL ANALYSIS

The Benefits of Testing Industrial Fluids

Equipment You Should Test

Test with Maxxam

Industrial Premium Test Package

The Benefits of Testing Industrial Fluids

When production demands are high and equipment reliability critical, monitoring machine condition with fluid testing and analysis is crucial to maximizing uptime and planning for downtime.

- Condition-based maintenance saves time and money in unnecessary fluid changes
- Better fluid management improves machine reliability and prolongs equipment life
- Maximized uptime increases productivity

Equipment You Should Test

In determining which components to test, consider criticality to overall production and environmental operating conditions as well as the cost of unit replacement.

- Hydraulic Systems & Turbines
- Compressors & Bearings
- Gear Systems & Motors
- Diesel & Natural Gas Engines

Test with Maxxam

The Maxxam team gives you the tools and support you need to monitor equipment condition and take decisive maintenance action that maximizes uptime and boosts production levels.

- Personalized, focused customer services
- Laboratories are compliant with ISO 17025 standard
- LOAMS® – Maxxam's free, online Lube Oil Analysis Management System for better equipment management
- Dedicated LOAMS® Help Desk available to all users at no charge

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Industrial Premium Test Package

Maxxam's Industrial Premium Test Package is designed to maintain fluid quality and cleanliness by combining customary condition monitoring tests with particle counting for better contamination control within critical plant equipment and filtered components with extremely close tolerances.

Add-on testing and additional test packages are available.

Oil Analysis Test	Diesel/ Nat. Gas Engines	Gear Systems/ Motors	Compressors/ Bearings	Hydraulic/ Turbine
Wear Metals: <i>Iron, Chromium, Nickel, Aluminum, Lead, Copper, Tin, Silver, Titanium, Beryllium</i>	✓	✓	✓	✓
Contaminant Metals: <i>Silicon, Boron, Sodium, Potassium, Lithium</i>	✓	✓	✓	✓
Additive Metals: <i>Molybdenum, Phosphorus, Zinc, Calcium, Barium, Magnesium, Antimony, Vanadium</i>	✓	✓	✓	✓
Viscosity (40° C & 100° C & VI)	✓	✓	✓	✓
FTIR <i>(Sulphation, Fuel Soot, Oxidation & Nitration)</i>	✓			
Water (%) (crackle)	✓	✓	✓	✓
Base Number (TBN)	✓			
Acid Number (TAN)	✓	✓	✓	✓
ISO Cleanliness Code (Particle Count)				✓
GC <i>(Fuel Dilution & Glycol Contamination)</i>	✓			
PQ	✓	✓	✓	✓
KF (Karl Fischer)				✓
Soot (%)	✓			

Maxxam is the Canadian market leader in analytical services and solutions to the energy, environmental, food and DNA industries and a member of the Bureau Veritas Group of companies - a world leader in testing, inspection and certification services. We support critical decisions made by our customers through the application of rigorous science and the knowledge and expertise of our over 2500 employees.

To order kits, call **1 855 998 9899** or email ocm@maxxam.ca.