

FLUID LIFE

EQUIPMENT RELIABILITY SERVICES

OIL & GAS

Optimizing gas compression in remote locations presents serious challenges. Lubricants are subjected to highly demanding conditions and are expected to be left in service for prolonged periods. Routine fluid analysis gives you a window inside your equipment to identify and resolve problems at an early stage to mitigate unrecoverable downtime. Plus, Fluid Life's myLab™ web-based reliability program management tool, gives you the ability to track and manage your oil analysis program effortlessly.



Get the edge with **routine** fluid analysis

- Detect failures at an early stage
- Manage your machine condition at remote sites
- Safely perform condition-based oil changes
- Maximize uptime through improved reliability
- Protect your compressors from gross contamination
- Protect your turbines from oil degradation
- Prolong the useful life of your components
- Better manage spare parts inventory
- Integrate with other condition-monitoring techniques



Oil & Gas Test Packages

Oil analysis is a proven technique for monitoring and maintaining critical oilfield equipment such as natural gas engines and compressors, wellhead pumps, hydraulics and gearboxes. In order to maximize the benefits of oil analysis, it is important to select a test package that gives you the information and quality you're looking for while staying within your budget.

Fluid Life offers two standard test packages, along with a variety of individual tests available on an à la carte basis.

OIL ANALYSIS TEST PACKAGES	ONG1	ONG2
Applications	Basic: Fluid Life's ONG 1 package provides an overall assessment of the oil and the machine compartment that it was taken from. This testing verifies that the correct oil is in use, and that the oil is cool, dry and free of excessive wear debris. The ONG 1 package is recommended for monitoring all components involved with oil & gas extraction (natural gas engines, compressors, oil production wellheads, etc.)	Advanced Oil Condition: Fluid Life's ONG 2 package provides an in-depth assessment of the oil condition, allowing customers to perform "condition-based" oil changes. This package also provides clarity about the nature of contamination in screw compressor applications. The ONG 2 package is recommended for gas compression or oilfield customers that wish to maximize the life of their oils.
ICP Spectrometry 25 Elements	•	•
Viscosity @ 40°C or 100°C	•	•
Water Contamination Crackle Test	•	•
Oxidation / Nitration / Sulfation by FTIR Engines	•	•
% Soot by FTIR Diesel Engines	•	•
% Glycol, Triggered GC Engines	•	•
% Fuel, Triggered GC Diesel Engines	•	•
Acid Number by FTIR		•
ISO Particle Count (Screw Compressors only)		•
% Water by Karl Fisher (Screw Compressors only)		•
Sample Volume	100ml	100ml

Fluid Analysis Program Features

As a leading provider of lubrication analysis and asset management solutions, Fluid Life uses its best-in-class software, training, tools and programs to help keep your equipment running at peak performance.

- ISO 17025 laboratory quality system
- Custom test packages for the oil and gas industries
- Flexible sample registration options
- Expedient freight options
- Next day laboratory turnaround available
- Convenient and flexible reporting options
- Sample Rank™ results evaluation
- myLab™ on-line data management toolkit
- Reliability consulting services
- Professional training seminars
- Four laboratories across North America and 40+ years experience
- Customer Care toll-free support

Contact Fluid Life to purchase your test kits and associated sampling supplies.

We're a company that's All Ways Reliable. From analysis and evaluation to planning and strategy, Fluid Life has the expertise to help you achieve a higher level of reliability.



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