

LUBRICANT ANALYSIS

Protecting valuable client assets with global testing
and consultancy expertise



Global Support, Where and When You Need It

Avoid expensive, catastrophic machinery failures and reduce the risk of unplanned down-time and costly repairs. Intertek Lintec's Lubricant Analysis is your Oil Conditioning Monitoring (OCM) testing and evaluation services offering full, independent, quality and engineering interpretation of the state of lubricant fluids in your P1 machinery.

By tracking changes in machinery lubricant quality, Intertek's program provides vital 'early-warning' of impending problems, helping protect equipment from damage. Intertek's services help support smooth and reliable machinery operations.

Using the Intertek OCM program, Lintec's lubricant analysis is easy and cost-effective. By using Intertek to routinely test and check the condition of your machinery lubricating oils, you receive valuable comprehensive reports on both the condition of the lubricating oils. We develop individual testing programs to meet your needs and ensure sample collection, shipping, testing and reporting is seamless, efficient, and cost-effective.



Protect your financial interests by monitoring the condition of your lubricants.

Why Lubricant Analysis Works:

Operation problems in machines, engines and other components are often reflected in the quality condition of the lubricant oil being used. Regularly scheduled lubricant analysis can identify mechanical problems before they impact the efficient running of machinery, avoiding costly headaches later on.

Lubricants have to work under demanding conditions, exposed to constant high pressures, temperatures and other harmful factors, including water contamination, corrosion, fuel, and air ingested particles. Scheduled lubricant quality testing and expert advice can avoid and mitigate costly component or system failures and unscheduled maintenance.

Oil Condition Monitoring Services:

Intertek's Lubricant Analysis service will assess your lubricating oil for problems and report these issues quickly and efficiently.

Intertek Lubricant Analysis Benefits include:

- World-class OCM testing facilities
- In-depth Oil Analysis
- Easy-to-use Sample Shipment Program
- Ferrography & Tribology Expertise
- Independent and Impartial Specialists
- Litigation & Dispute Support
- Global Service Coverage
- Additional Expert Consultancy

Expert Lubricant Analysis:

Tests are performed in state-of-the-art Intertek laboratories by fully qualified chemists. The analysis results are reviewed by experienced analytical data specialists to indicate oil and machinery health.

High levels of wear particles give advance warning of possible machinery malfunction, allowing early remedial action to be taken. Where analytical results suggest no undue wear is taking place, the operator may choose to extend the interval between services or the life of the oil charge.

Intertek Lintec's service offers full engineering interpretation of lubricant test data, providing the client with a comprehensive report on the condition of the lubricating oil and the operating health of their machinery.

Lubricant Tests Include:

- Viscosity
- Insolubles
- Flashpoint
- Water Content
- Oxidation
- Acid Number & Base Numbers
- Wear-Metal Elements
- PQ Index
- Foam Test
- RPVOT
- Fibre Count
- Grease Analysis
- Contamination Detection
- Oil Cleanliness
- Trace Analysis
- Unknowns Detection
- Nitration
- Sulfation
- Air Release
- Demulsification Test



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