TÜVINDIA

Inspired by Knowledge

Oil Condition Monitoring (OCM) Services

Condition Monitoring through oil analysis is a routine practice undertaken by various industries to monitor their machines and equipment. Identifying major snags with machinery components before they develop into gigantic problems leads to machine failures. Minimize the risk of damage to your expensive machinery and costly repairs and unscheduled downtime in your critical operations.

Operational issues in machines, engines and other components are often reflected in the condition of the lubricant oil being used. Regular scheduled oil condition monitoring or used oil analysis can identify mechanical problems before they impact the efficient running of machinery, avoiding heavy costs later on.

How we can fulfil Oil and Lubricant Analysis Quality Assurance needs?

TUV India OCM program measures engine oils, lubricating oils, and other fluids for the detection of mechanical wear, lubricant quality degradation, and other associated issues.

Oil Condition Monitoring Program Includes:

- Engine Oil Analysis
- Gear Oil Analysis
- Lubricants Testing
- Transformer Oil Analysis
- Turbine Oil Analysis
- Hydraulic Oil Analysis etc.

Our Analysis Includes below Test Parameters:

- Viscosity analysis - ASTM D 445
- Viscosity Index - ASTM D 2270
- Moisture Analysis - ASTM D 6304/ ASTM D95
- Total Acid Number - ASTM D974/ 664
- Total Base Number - ASTM D 2896/ 4739
- Flash Point - ASTM D92/ 93/ 3828
- FTIR Analysis - ASTM E2412
- Wear Debris - ASTM D 5185
- PQ Index - Kittiwake
- Analytical Ferrography
- Colour - ASTM D 1500
- Foam Characteristic - ASTM D 892
- Demulsibility Characteristics - ASTM D 1401
- Air Release Value - ASTM D 3427
- RBOT - ASTM D 3427
- Insoluble in Oil - ASTM D 893

About Us:

TUV India Pvt. Ltd. (TÜV NORD GROUP) is a customer-focused, innovative, and independent, technical, quality & safety services organization, dedicated to providing future-proof solutions through technological excellence for the success of its customers with the highest level of integrity. With a presence at over 40 strategic locations in India; a branch office in Sri Lanka and Bangladesh; state-of-the-art laboratories at Pune, Bengaluru, Noida and Jamnagar; 100 important countries worldwide and through digital means, we

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are always connected to you, our esteemed customer,

We are proud to provide increasing levels of services to the best known, largest global and national companies as well as medium and small industries in diverse sectors like Oil & Gas, Petro-chemical, Nuclear, Renewables, Infrastructure, Food, Power, Manufacturing, Chemicals, Pharma, Paper, Automobiles, Railways, Aerospace, Defence, IT, Health, Hospitality, Retail, etc.

Over 1400 competent and experienced TUV India experts spread across India and over 14000 TUV NORD experts all over the world, enthusiastically support our clients by providing value-added services in Industry Inspection, European / International Approvals, Management System & IT Certification, Sustainability, Energy Audit, Water Audit, Carbon Services, Building Infrastructure & PMC, Renewable Energy, Food & Packaging Testing, Food Certification & Inspection; Testing of restricted and banned chemicals in Automotive and Electrical & Electronics components and other regulated industries, Product Testing – Electricals, Electronics and Industrial Machinery; Product Certification; Petroleum, Chemicals & Gas Cargo Inspection; Petroleum, Chemicals & Gas Testing; Railway Technology; Engineering, Safety Studies, and knowledge enhancing training programs under TUV India Training Academy.

Our Services Portfolio:

- Industrial Inspection
- Management Systems & IT Certification
- Building, Infrastructure and Project Management
- Renewable Energy
- Railway Technology
- Food Certification and Inspection
- Petroleum, Chemical and Gas Cargo Inspection
- Product Certification
- Product Testing (Electronics, Electricals, Battery and Industrial Machinery Testing)
- Food and Packaging Testing
- Advanced Chemical and Material Testing
- Petroleum, Chemical and Gas Testing
- Training Academy

TUV India Private Limited

Petroleum, Chemical and Gas Inspection and Testing Services

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Testing Laboratory Presence at Other Locations

- Hazira
- Gandhidham
- Mumbai

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