

Oil Condition Monitoring (OCM) testing predictive maintenance programs help clients to avoid costly machinery, engine and power-train failures. BS Lab OCM tests measure engine oils, lubricating oils and other fluids for the detection of lubricant engine wear, lubricant quality degradation and other problems. Oil Condition Monitoring by BS Lab protect our client's high-value machines, engines and other systems by reducing expensive downtime.



OIL CONDITION MONITORING TESTS OFFER EARLY DETECTION FOR:

- Water Content
- Engine Wear Debris & Varnish Content
- Additive Elements
- Advanced analysis which includes Ferrography, Air Release & Oxidation Stability (RPVOT)



PETROLEUM PRODUCT

- Fuels & Biodiesel
- Crude oil & Condensates
- Natural Gas
- Production Chemicals
- Sludge, Mud & Solid Debris
- Able to provide services offsite and onsite (Portable Equipments)
- Marine



ROUTINE LABORATORY TESTING & ANALYSIS

- Water Content by Karl Fisher
- Kinematic Viscosity at 40 ° C
- Total Acid Number
- Particle count (ISO 4406/NAS 1638)
- Color



ADDITIONAL TESTING & ANALYSIS

- Analytical & Direct Ferrography
- Elemental by XRF or ICP-OES
- CHNS
- Flash Point
- Kinematic Viscosity at 100 ° C
- Remaining Useful Life Evaluation Routine (RULER)
- Pour Point & Cloud Point
- Density
- Total Base Number
- Distillation
- Copper Corrosion
- Rotating Pressure Vessel Oxidation Test (RPVOT)
- Water Separability
- Air Release
- Foaming
- Rust Test
- Reid Vapor Pressure
- Membrane Patch Colometry (MPC)
- Viscosity Index
- Cetane Number & Cetane Index

