



Southwest Spectro-Chem Labs

Standard Test Packages for Oils

Basic Package:	Kinematic Viscosity @ 40°C* Emission Spectroscopy (20 metals) Karl Fisher Water Total Acid Number (TAN)
Bulk Oils, Water Pumps:	Basic Package
Gear Boxes, Fans, Blowers:	Basic Package Direct Read Ferrography
Hydraulic Oils, Turbines:	Basic Package Laser Particle Count (ISO 4406 ²)
HVAC Compressors:	Basic Package Degassing procedure
Hydrocarbon Compressors:	Basic Package Flash Point (Cleveland Open Cup) Direct Read Ferrography ¹
Engines (Diesel, Gasoline, Natural Gas):	Kinematic Viscosity @ 100°C* Emission Spectroscopy (20 metals) % Water Total Acid Number (TAN) Total Base Number ³ (TBN) % Soot % Glycol Oxidation/ Nitration (by FT-IR)

* designates option for viscosity to be performed @ 100°F or 210°F and reported as SUS

¹ designates recommendation for reciprocating compressors

² designates option for particle count reported as NAS 1638 or SAE AS4059

³ designates recommendation for diesel engines only