

## API SP, ILSAC GF-6A/GF-6B & SAE J183

Gold bullets indicate ISO/IEC 17025:2017 Accreditation

Method	Test Description	Sample Size
• ASTM D445	Viscosity, Kinematic 40°C or 100°C	125 mL
• ASTM D892 & D6082	Foaming, Sequence I - IV (Specify Option A if Required)	1 L
ASTM D2622	Sulfur by XRF - Wavelength Dispersive	30 mL
• ASTM D4683	High Temperature High Shear / TBS Viscosity, 150°C, New Oil	150 mL
• ASTM D4684	TP-1 MRV Viscosity (Single Temperature)	100 mL
• ASTM D4951	Elemental Analysis by Inductively Coupled Plasma, Wear Metals	10 mL
• ASTM D5133	Gelation Index	50 mL
• ASTM D5293	Cold Cranking Simulator (Single Temperature)	120 mL
• ASTM D5800	Noack Volatility	150 mL
ASTM D5800 Mod.	Noack Volatility, 150°C for 12 Hours	150 mL
• ASTM D6278	Kurt Orbahn Shear Stability, 30 Passes (GF6B Only)	1 L
• ASTM D6335	Thermo-oxidation Engine Oil Simulation Test (TEOST® 33C) (GF6A Only)	250 mL
ASTM D6557	Ball Rust Test	125 mL
ASTM D6794	Engine Oil Water Tolerance (EOWT)	1 L
ASTM D6795	Engine Oil Filterability (EOFT)	1 L
ASTM D6922	Homogeneity & Miscibility	300 mL
• ASTM D7216	GF-6 Elastomer Compatibility, ACM, Polyacrylate	1.2 L
• ASTM D7216	GF-6 Elastomer Compatibility, FKM, Fluoroelastomer	1.2 L
• ASTM D7216	GF-6 Elastomer Compatibility, HNBR, Nitrile	1.2 L
• ASTM D7216	GF-6 Elastomer Compatibility, MAC, Ethylene Acrylate	1.2 L
• ASTM D7216	GF-6 Elastomer Compatibility, VMO, Silicone	1.2 L
ASTM D7563	Emulsion of Water and Simulated Ed85 Fuel	500 mL

Tests required to qualify for API SP or ILSAC GF-6 can vary by certification and grade. The above list contains bench tests that may be required. Review the specification according to your specific situation.

The Package Price comes standard with the above listed tests. Please contact us if you would like a custom test package quoted.



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