

Savant Labs

Laboratory Testing Services

API SN & ILSAC GF-5

Highlighted Tests are ISO/IEC 17025:2005 Accredited

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 (No S)	10 mL
ASTM D5133	Gelation Index	50 mL
ASTM D5293	Cold Cranking Simulator, Single Temperature	120 mL
ASTM D5800	Noack Volatility	150 mL
ASTM D6335	Thermo-oxidation Engine Oil Simulation Test (TEOST 33C)	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 D7097	Thermo-oxidation Engine Oil Simulation Test (TEOST MHT-4)	50 mL
ASTM D7216	GF-5 Elastomer Compatibility, ACM, Polyacrylate	1.2 L
ASTM D7216	GF-5 Elastomer Compatibility, FKM, Fluoroelastomer	1.2 L
ASTM D7216	GF-5 Elastomer Compatibility, HNBR, Nitrile	1.2 L
ASTM D7216	GF-5 Elastomer Compatibility, MAC, Ethylene Acrylate	1.2 L
ASTM D7216	GF-5 Elastomer Compatibility, VMQ, Silicone	1.2 L
ASTM D7563	Emulsion of Water and Simulated Ed85 Fuel	500 mL

Tests required to qualify for API SN or ILSAC GF-5 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.

This package only includes testing and is not a substitute for the licensing process or in any way an implied endorsement or licensing submission.