

Savant Labs

Laboratory Testing Services

Tests by Category

Highlighted Tests are ISO/IEC 17025:2005 Accredited

Physical Properties

Method	Test Description	Sample Size
ASTM D86	Distillation	400 mL
ASTM D92	Fire Point, Cleveland Open Cup	250 mL
ASTM D92	Flash Point and Fire Point, Cleveland Open Cup	250 mL
ASTM D92	Flash Point, Cleveland Open Cup	250 mL
ASTM D93	Flash Point, Pensky-Martins Closed Cup	250 mL
ASTM D127	Drop Melting Point of Petroleum Wax	30 mL
ASTM D217	Cone Penetration, Unworked & 60 Strokes (Grease)	800 g
ASTM D240	Gross Heat of Combustion (Specify BTUs/gallon or /pound)	20 mL
ASTM D240 & D5291	Net Heat of Combustion	20 mL
ASTM D287	API Gravity of Crude Petroleum / Petroleum Products (Hydrometer)	250 mL
ASTM D323	Reid Vapor Pressure	125 mL
ASTM D892	Foaming, Sequence I - III (Specify option A if required)	1 L
ASTM D892 & D6082	Foaming, Sequence I - IV (Specify option A if required)	1 L
ASTM D972	Evaporation Loss (Grease) - Specify Time & Temperature	150 mL
ASTM D1177	Freeze Point	100 mL
ASTM D1218	Refractive Index	20 mL
ASTM D1298	Density / API Gravity, Hydrometer	250 mL
ASTM D1331	Surface Tension	100 mL
ASTM D1401	Emulsion Characteristics / Water Separability	100 mL
ASTM D1500	Color	150 mL
ASTM D1768	Water & Sediment for Opaque or In-Service Oils	100 mL
ASTM D2007	Clay Gel Analysis	100 mL
ASTM D2155	Auto-Ignition Temperature (Hydraulic Fluids)	10 mL
ASTM D2265	Dropping Point	50 g
ASTM D2273	Trace Sediment	200 g
ASTM D2709	Water & Sediment	100 mL
ASTM D2879	Vapor Pressure by Isotenoscope, Single Temperature	10 mL
ASTM D2879	Vapor Pressure by Isotenoscope, Multiple Temperatures	10 mL
ASTM D3427	Air Release / Gas Bubble Separation	500 mL
ASTM D3520	Quenching Time	600 mL
ASTM D4052	Specific Gravity (Includes API Gravity)	50 mL
ASTM D5800	Noack Volatility	150 mL
ASTM D6082	Foaming, Sequence IV (Specify option A if required)	1 L
ASTM D6184	Oil Separation %, Wire Cone Method	100 g
ASTM D6217	Particulate Contamination for Diesel Fuels	1 L
ASTM D6371	Cold Filter Plug Point	150 mL
ASTM D6375	Noack Volatility by TGA	20 mL
ASTM D6417	Simulated Distillation by Gas Chromatography	10 mL
ASTM D6793	Bulk Modulus, Up to 80°C	200 mL
ASTM D6922	Homogeneity & Miscibility	300 mL
ASTM D7321	Particulate Contamination for Biodiesel Fuels	1 L
ASTM D7619 / ISO 4406	Particle Count & Sizing	500 mL
ASTM E1269	Specific Heat	100 mL
ISO 4406	Particle Count	100 mL
SAVLAB LPYC	Density, Pycnometer	120 mL
SAVLAB MIC	Microscopy	10 mL
SAVLAB PH	pH Determination	150 mL
SAVLAB RBP	Reflux Boiling Point	100 mL
SAVLAB RV	Fuel Stripping	Varies
SAVLAB RV	Rotovapping	Varies
SAVLAB TGASCAN	TGA Thermal Scan or Isotherm	5 mL
SAVLAB RV	Rotovapping	Varies
SAVLAB TGASCAN	TGA Thermal Scan or Isotherm	5 mL