

Savant, Inc.
Laboratory Testing Services

Tests In Alphabetical Order

Test	Method	Sample Size	List Price
Acid Number	ASTM D 664	50 ml	\$45.00
Acid Number/ Base Number/ Neutralization Number	ASTM D 974	50 ml	\$50.00
Air Release	ASTM D 3427	200 ml	\$220.00
Aniline Point	ASTM D 611	100 ml	\$85.00
Anti-Foam Stripping Test	SAVLAB AFS	2 liters	\$540.00
API Gravity	ASTM D 1298	100 ml	\$30.00
Ash, Total	ASTM D 482	80 g	\$60.00
Ball Rust Test	ASTM D 6557	125 ml	\$745.00
Base Number	ASTM D 2896	50 ml	\$50.00
Base Number	ASTM D 4739	20 ml	\$70.00
Boiling Point, Reflux	SAVLAB RBP	100 ml	\$100.00
Brookfield Viscosity, +20°C to -60°C (per temp.)	ASTM D 2983	200 ml	\$90.00
Bubble Separation	ASTM D 3427	200 ml	\$220.00
Bulk Modulus	ASTM D 6793	200 ml	\$340.00
Carbon Distribution Analysis	ASTM D 3238	250 ml	\$265.00
Carbon Hydrogen Nitrogen Content	ASTM D 5291	30 ml	\$290.00
Carbon Residue, Conradson	ASTM D 189	50 ml	\$75.00
Carbon Residue, Micro	ASTM D 4530	150 ml	\$90.00
Carbon Residue, Ramsbottom	ASTM D 524	50 ml	\$80.00
Caterpillar Micro Oxidation Test	SAVLAB CMOT	50 ml	\$1,240.00
Cetane Index (calculated from D 1298 & D 86)	ASTM D 976	500 ml	\$103.00
Channeling Characteristics	FTM 3456	1 liter	\$113.00
Chlorine	ASTM D 5808	20 ml	\$98.00
Chlorine	SAVLAB XRF	20 ml	\$75.00
Clay Gel Analysis	ASTM D 2007	100 ml	\$209.00
Cloud Point	ASTM D 2500	100 ml	\$55.00
Coefficient of Friction by Four Ball	ASTM D 5183	100 ml	\$200.00
Cold Cranking Simulator, Single Temperature	ASTM D 5293	120 ml	\$80.00
Cold Cranking Simulator, Temperature Scan	ASTM D 5293 Mod.	120 ml	\$120.00
Color	ASTM D 1500	150 ml	\$30.00
Combustion Heat, Gross (specify BTUs/gallon or /pound)	ASTM D 240	10 ml	\$160.00
Combustion Heat, Net	ASTM D 240 & 5291	10 ml	\$320.00
Cone & Plate Viscosity	SAVLAB CAP	10 ml	\$120.00
Cone Penetration, unworked & 60 strokes (grease)	ASTM D 217	800 grams	\$95.00

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Cooling Curve Analysis of Quench Oils	ASTM D 6200	4 liters	\$298.00
Copper Strip Corrosion	ASTM D 130	250 ml	\$55.00
Demulsibility	ASTM D 2711	2 liters	\$320.00
Demulsibility Extreme Pressure	ASTM D 2711 EP	2 liters	\$450.00
Density, High Precision Pycnometer	SAVLAB HPYC	100 ml	\$155.00
Density, Hydrometer	ASTM D 1298	100 ml	\$30.00
Density, Pycnometer	SAVLAB LPYC	500 ml	\$70.00
Dielectric Constant (Relative Permittivity)	ASTM D 924	100 ml	\$66.00
Dielectric Strength	ASTM D 877	800 ml	\$70.00
Dipole Moment (incl. Dielectric Constant & Refractive Index)	SAVLAB DM	100 ml	\$410.00
Distillation	ASTM D 86	200 ml	\$95.00
Drop Melting Point of Petroleum Wax	ASTM D 127	15 ml	\$90.00
Dropping Point	ASTM D 2265	50 grams	\$95.00
Elemental Analysis by Inductively Coupled Plasma	ASTM D 4951	10 ml	\$50.00
Elemental Analysis by Inductively Coupled Plasma	ASTM D 5185	10 ml	\$50.00
Emulsion Characteristics	ASTM D 1401	100 ml	\$88.00
Engine Oil Filterability (EOFT)	ASTM D 6795	1 liter	\$350.00
Engine Oil Water Tolerance (EOWT)	ASTM D 6794	1 liter	\$550.00
Engine Simulation Oxidation Test (ESOT)	SAVLAB ESOT	1 liter	\$566.00
EOFT (Engine Oil Filterability)	ASTM D 6795	1 liter	\$350.00
EOWT (Engine Oil Water Tolerance)	ASTM D 6794	1 liter	\$550.00
ESOT (Engine Simulation Oxidation Test)	SAVLAB ESOT	1 liter	\$566.00
Falex Extreme Pressure	ASTM D 3233	200 ml	\$190.00
Falex Pin & Vee Wear	ASTM D 2670	200 ml	\$210.00
Falex Pin & Vee Wear, Close Step	ASTM D 2670 Mod.	200 ml	\$210.00
Falex Pin & Vee Wear, Long Step	ASTM D 2670 Mod.	200 ml	\$210.00
Falex Pin & Vee Wear, Very Long Step	ASTM D 2670 Mod.	200 ml	\$210.00
Fat Content	ASTM D 128	100 ml	\$245.00
Fatty Acid Composition	SAVLAB FAC	100 ml	\$129.00
FEI (Fuel Efficiency Index)	SAVLAB FEI	300 ml	\$315.00
Filterability, Engine Oil (EOFT)	ASTM D 6795	1 liter	\$350.00
Fire Point, Cleveland Open Cup	ASTM D 92	250 ml	\$40.00
FISST, 20 Passes	ASTM D 5275	500 ml	\$160.00
FISST, 30 Passes	ASTM D 5275	500 ml	\$190.00

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FISST, 40 Passes	ASTM D 5275	500 ml	\$220.00
FISST, Other Passes	ASTM D 5275	500 ml	Call
Flashpoint and Firepoint, Cleveland Open Cup	ASTM D 92	250 ml	\$70.00
Flashpoint, Cleveland Open Cup	ASTM D 92	250 ml	\$40.00
Flashpoint, Pensky-Martins	ASTM D 93	250 ml	\$45.00
Floc Point	FTM 1303	30 ml	\$365.00
FoamGen Analysis	SAVLAB FGE	1 liter	\$912.00
Foaming, Sequence I - III	ASTM D 892	1 liter	\$160.00
Foaming, Sequence I - IV	ASTM D 892 & 6082	1 liter	\$220.00
Foaming, Sequence IV	ASTM D 6082	1 liter	\$100.00
Four Ball - Coefficient of Friction	ASTM D 5183	100 ml	\$200.00
Four Ball Extreme Pressure	ASTM D 2783	200 ml	\$278.00
Four Ball Wear	ASTM D 4172	100 ml	\$135.00
Fourier Transform Infra-Red, FTIR	SAVLAB IR	50 ml	\$50.00
Free Fatty Acids	SAVLAB FFA	100 ml	\$50.00
Freeze Point	ASTM D 5972	100 ml	\$75.00
FTIR, Fourier Transform Infra-Red	SAVLAB IR	50 ml	\$50.00
Fuel Dilution, Diesel	ASTM D 3524	10 ml	\$120.00
Fuel Dilution, Gasoline	ASTM D 3525	10 ml	\$120.00
Fuel Efficiency Index (FEI)	SAVLAB FEI	300 ml	\$315.00
Fuel Injector Shear Stability (FISST), 20 Passes	ASTM D 5275	500 ml	\$160.00
Fuel Injector Shear Stability (FISST), 30 Passes	ASTM D 5275	500 ml	\$190.00
Fuel Injector Shear Stability (FISST), 40 Passes	ASTM D 5275	500 ml	\$220.00
Fuel Injector Shear Stability (FISST), Other Passes	ASTM D 5275	500 ml	Call
Fuel Stripping	SAVLAB RV	Varies	\$83.00
FZG Gear Screening Test	SAE Air 4978	150 ml	\$550.00
FZG Gear Test	ASTM D 5182	1 liter	\$2,700.00
Gas Bubble Separation	ASTM D 3427	200 ml	\$220.00
Gas Chromatography - Carbon Distribution	ASTM D 2887	10 ml	\$200.00
GE Locomotive Specification (GE Package 1)	SAVLAB GES	1 liter	\$295.00
GE Package 1 (GE Locomotive Specification)	SAVLAB GES	1 liter	\$295.00
Gelation Index	ASTM D 5133	70 ml	\$185.00
Glycol	ASTM D 2982	20 ml	\$50.00
Glycol	ASTM D 4291	5 ml	\$165.00

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Test	Method	Sample Size	List Price
Gravity, API	ASTM D 1298	100 ml	\$30.00
Gravity, Specific (High Precision Pycnometer)	SAVLAB HPYC	100 ml	\$155.00
Gravity, Specific (incl. API Gravity)	ASTM D 4052	50 ml	\$35.00
Gross Heat of Combustion (specify BTUs/gallon or /pound)	ASTM D 240	10 ml	\$160.00
Heat of Combustion, Gross (specify BTUs/gallon or /pound)	ASTM D 240	10 ml	\$160.00
Heat of Combustion, Net	ASTM D 240 & 5291	10 ml	\$320.00
High Temperature Corrosion Bench Test, 275°F	ASTM D 6594	125 ml	\$570.00
High Temperature High Shear Viscosity, New Oil	ASTM D 4683 & 6616	150 ml	\$115.00
High Temperature High Shear Viscosity, New Oil	ASTM D 6616 & 4683	150 ml	\$115.00
High Temperature High Shear Viscosity, Other Shear	ASTM D 4683 Mod.	150 ml	\$280.00
High Temperature High Shear Viscosity, Other Temp	ASTM D 4683 Mod.	150 ml	\$280.00
High Temperature High Shear Viscosity, Used Oil	ASTM D 4683 & 6616	150 ml	\$150.00
High Temperature High Shear Viscosity, Used Oil	ASTM D 6616 & 4683	150 ml	\$150.00
High Temperature Low Shear Viscosity, Other Temp	SAVLAB TBR	150 ml	\$280.00
High Temperature Low Shear Viscosity, New Oil	SAVLAB TBR	150 ml	\$115.00
High Temperature Low Shear Viscosity, Other Shear	SAVLAB TBR	150 ml	\$280.00
High Temperature Low Shear Viscosity, Used Oil	SAVLAB TBR	150 ml	\$150.00
Homogeneity & Miscibility	ASTM D 6922	300 ml	\$255.00
Humidity Cabinet	ASTM D 1748	1 liter	\$280.00
Hydrolytic Stability	ASTM D 2619	250 ml	\$700.00
Inductively Coupled Plasma Elemental Analysis	ASTM D 4951	10 ml	\$50.00
Inductively Coupled Plasma Elemental Analysis	ASTM D 5185	10 ml	\$50.00
Insolubles, Pentane	ASTM D 893	25 ml	\$70.00
Iodine Value	SAVLAB IOD	100 ml	\$130.00
Kinematic Viscosity, 40°C or 100°C	ASTM D 445	125 ml	\$30.00
Kinematic Viscosity, Other Temperatures	ASTM D 445	125 ml	\$80.00
KRL Shear (Tapered Roller Bearing Test) 100 Hours	CEC L-45-T Proc. Mod.	100 ml	\$520.00
KRL Shear (Tapered Roller Bearing Test) 180 Hours	CEC L-45-T Proc. Mod.	100 ml	\$825.00
KRL Shear (Tapered Roller Bearing Test) 20 Hours	CEC L-45-T Proc. C	100 ml	\$320.00
KRL Shear (Tapered Roller Bearing Test) 30 Hours	CEC L-45-T Proc. Mod.	100 ml	\$345.00
KRL Shear (Tapered Roller Bearing Test) 4 Hours	CEC L-45-T Proc. A	100 ml	\$285.00
KRL Shear (Tapered Roller Bearing Test) 40 Hours	CEC L-45-T Proc. Mod.	100 ml	\$378.00
KRL Shear (Tapered Roller Bearing Test) 50 Hours	CEC L-45-T Proc. Mod.	100 ml	\$411.00
KRL Shear (Tapered Roller Bearing Test) 60 Hours	CEC L-45-T Proc. Mod.	100 ml	\$445.00

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Test	Method	Sample Size	List Price
KRL Shear (Tapered Roller Bearing Test) 8 Hours	CEC L-45-T Proc. B	100 ml	\$295.00
Kurt Orbahn Shear Stability - 100 Pass	ASTM D 6278 mod.	1 liter	\$370.00
Kurt Orbahn Shear Stability - 30 Pass	ASTM D 6278	1 liter	\$210.00
Kurt Orbahn Shear Stability - 90 Pass	ASTM D 6278 mod.	1 liter	\$330.00
Kurt Orbahn Shear Stability - Includes 30 and 90 Passes	ASTM D 7109	1000 mL	\$350.00
Low Temperature Torque	ASTM D 1478	10 g	\$228.00
Melting Point	SAVLAB MP	100 ml	\$80.00
Mini-Rotary Viscosity (MRV), Single Temperature	ASTM D 3829 Mod.	200 ml	\$160.00
Miscibility & Homogeneity	ASTM D 6922	300 ml	\$255.00
MRV (Mini-Rotary Viscosity), Single Temperature	ASTM D 3829 Mod.	200 ml	\$160.00
MRV/TP-1 Viscosity, Single Temperature	ASTM D 4684	100 ml	\$105.00
Net Heat of Combustion	ASTM D 240 & 5291	10 ml	\$320.00
Nitrogen	ASTM D 5762	10 ml	\$55.00
Nitrogen - Carlo Erba	ASTM D 5291	30 ml	\$135.00
Nitrogen & Sulfur Package	ASTM D 5453 & 5762	20 ml	\$98.00
Noack Volatility	ASTM D 5800	150 ml	\$185.00
Octane Number (Motor Rating)	ASTM D 2700	800 ml	\$200.00
Octane Number (Research Rating)	ASTM D 2699	800 ml	\$200.00
Oxidation Characteristics (2.0 TAN or 1000 Hrs.)	ASTM D 943	600 ml	\$520.00
Oxidation Characteristics (2.0 TAN or 2000 Hrs.)	ASTM D 943	600 ml	\$720.00
Oxidation Characteristics (2.0 TAN or 3000 Hrs.)	ASTM D 943	600 ml	\$920.00
Oxidation Induction Time by DSC	ASTM D 5483	20 ml	\$340.00
Oxidation Stability (Gasoline)	ASTM D 525	200 ml	\$210.00
Particle Count	SAE J1165	100 ml	\$65.00
PEI (Phosphorus Emissions Index) @ 165°C, 16 hr.	SAVLAB PEI 165	250 ml	\$550.00
PEI (Phosphorus Emissions Index) @ 165°C, 32 hr.	SAVLAB PEI 165	250 ml	\$1,200.00
PEI (Phosphorus Emissions Index) @ 165°C, 48 hr.	SAVLAB PEI 165	250 ml	\$1,800.00
PEI (Phosphorus Emissions Index) @ 165°C, 64 hr.	SAVLAB PEI 165	250 ml	\$2,350.00
PEI (Phosphorus Emissions Index) @ 250°C, 1 hr.	SAVLAB PEI	250 ml	\$470.00
Pentane Insolubles	ASTM D 893	25 ml	\$70.00
Pentane Insolubles by Filtration	ASTM D 7317	25 ml	\$225.00
Percent Particulates	SAVLAB PPA	25 ml	\$60.00
Peroxide Value	ASTM D 3703	200 ml	\$140.00
pH Determination	SAVLAB PHD	150 ml	\$25.00

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Phosphorus Emissions Index (PEI) @ 165°C, 16 hr.	SAVLAB PEI 165	250 ml	\$550.00
Phosphorus Emissions Index (PEI) @ 165°C, 32 hr.	SAVLAB PEI 165	250 ml	\$1,200.00
Phosphorus Emissions Index (PEI) @ 165°C, 48 hr.	SAVLAB PEI 165	250 ml	\$1,800.00
Phosphorus Emissions Index (PEI) @ 165°C, 64 hr.	SAVLAB PEI 165	250 ml	\$2,350.00
Phosphorus Emissions Index (PEI) @ 250°C, 1 hr.	SAVLAB PEI	250 ml	\$470.00
PNA Analysis	IP 346	100 ml	\$250.00
Pour Point	ASTM D 97	100 ml	\$50.00
Quench Oil Cooling Curve Analysis	ASTM D 6200	4 liters	\$298.00
Quenching Time	ASTM D 3520	600 ml	\$275.00
RBOT (Rotating Bomb Oxidation Test) single run	ASTM D 2272	150 ml	\$180.00
Reflux Boiling Point	SAVLAB RBP	100 ml	\$100.00
Refractive Index	ASTM D 1218	20 ml	\$50.00
Reid Vapor Pressure	ASTM D 323	125 ml	\$75.00
Relative Permittivity (Dielectric Constant)	ASTM D 924	100 ml	\$66.00
Rotating Bomb Oxidation Test (RBOT) single run	ASTM D 2272	150 ml	\$180.00
Rotating Pressure Vessel Oxidation Test (RPVOT) single run	ASTM D 2272	150 ml	\$180.00
Rotovapping	SAVLAB RV	Varies	\$83.00
RPVOT (Rotating Pressure Vessel Oxidation Test) single run	ASTM D 2272	150 ml	\$180.00
Rust Prevention 24 HOURS	ASTM D 665	2 liter	\$134.00
Rust Prevention 4 HOURS	ASTM D 665	1 liter	\$95.00
Rust Protection by Humidity Cabinet	ASTM D 1748	1 liter	\$280.00
Saponification Number	ASTM D 94	25 g	\$80.00
Scanning Brookfield Viscosity	ASTM D 5133	50 ml	\$185.00
Shear Stability, Fuel Injector (FISST) 20 Passes	ASTM D 5275	500 ml	\$160.00
Shear Stability, Fuel Injector (FISST) 30 Passes	ASTM D 5275	500 ml	\$190.00
Shear Stability, Fuel Injector (FISST) 40 Passes	ASTM D 5275	500 ml	\$220.00
Shear Stability, Fuel Injector (FISST) Other Passes	ASTM D 5275	500 ml	Call
Shear Stability, Kurt Orbahn - 100 Pass	ASTM D 6278 mod.	1 liter	\$370.00
Shear Stability, Kurt Orbahn - 30 Pass	ASTM D 6278	1 liter	\$210.00
Shear Stability, Kurt Orbahn - 90 Pass	ASTM D 6278 mod.	1 liter	\$330.00
Simulated Distillation by Gas Chromatography	ASTM D 6417	10 ml	\$190.00
Sludging & Corrosion Tendency (up to 1000 hrs.)	ASTM D 4310	1 liter	\$945.00
Sonic Shear, Hydraulic Fluids	ASTM D 5621	100 ml	\$195.00
Sonic Shear, Oils	ASTM D 2603	100 ml	\$195.00

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Test	Method	Sample Size	List Price
Soot by TGA	ASTM E 1131	1 ml	\$103.00
Specific Gravity (High Precision)	SAVLAB HPYC	100 ml	\$155.00
Specific Gravity (incl. API Gravity)	ASTM D 4052	50 ml	\$35.00
Specific Heat	ASTM E 1269	100 ml	\$315.00
Stable Pour Point	FTM 203C	200 ml	\$250.00
Sulfate Analysis (S04)	ASTM D 5827	30 ml.	\$210.00
Sulfated Ash	ASTM D 874	50 g	\$85.00
Sulfur	ASTM D 5453	10 ml	\$55.00
Sulfur & Nitrogen Package	ASTM D 5453 & 5762	20 ml	\$98.00
Sulfur by XRF	ASTM D 2622	30 ml	\$70.00
Sulfur by XRF	ASTM D 4294	10 ml	\$55.00
Sulfur, Active	ASTM D 1662	100 g	\$340.00
Sulfur, LECO	ASTM D 1552	10 ml	\$90.00
Surface Tension	ASTM D 1331	100 ml	\$165.00
Tapered Roller Bearing Test (KRL Shear) 100 Hours	CEC L-45-T Proc. Mod.	100 ml	\$520.00
Tapered Roller Bearing Test (KRL Shear) 180 Hours	CEC L-45-T Proc. Mod.	100 ml	\$825.00
Tapered Roller Bearing Test (KRL Shear) 20 Hours	CEC L-45-T Proc. C	100 ml	\$320.00
Tapered Roller Bearing Test (KRL Shear) 30 Hours	CEC L-45-T Proc. Mod.	100 ml	\$345.00
Tapered Roller Bearing Test (KRL Shear) 4 Hours	CEC L-45-T Proc. A	100 ml	\$285.00
Tapered Roller Bearing Test (KRL Shear) 40 Hours	CEC L-45-T Proc. Mod.	100 ml	\$378.00
Tapered Roller Bearing Test (KRL Shear) 50 Hours	CEC L-45-T Proc. Mod.	100 ml	\$411.00
Tapered Roller Bearing Test (KRL Shear) 60 Hours	CEC L-45-T Proc. Mod.	100 ml	\$445.00
Tapered Roller Bearing Test (KRL Shear) 8 Hours	CEC L-45-T Proc. B	100 ml	\$295.00
T-Bar Viscosity	ASTM D 1084 B	Varies	\$180.00
TBR Viscosity, New Oil	SAVLAB TBR	150 ml	\$115.00
TBR Viscosity, Used Oil	SAVLAB TBR	150 ml	\$150.00
TBS Viscosity, New Oil	ASTM D 4683 & 6616	150 ml	\$115.00
TBS Viscosity, New Oil	ASTM D 6616 & 4683	150 ml	\$115.00
TBS Viscosity, Other Shear	ASTM D 4683 Mod.	150 ml	\$280.00
TBS Viscosity, Other Temperature	ASTM D 4683 Mod.	150 ml	\$280.00
TBS Viscosity, Used Oil	ASTM D 4683 & 6616	150 ml	\$150.00
TBS Viscosity, Used Oil	ASTM D 6616 & 4683	150 ml	\$150.00
TEOST 33C	ASTM D 6335	100 ml	\$300.00
TEOST MHT-4	ASTM D 7097	50 ml	\$400.00

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TFOUT (Thin Film Oxidation Uptake Test)	ASTM D 4742	50 ml	\$300.00
TFOUT (Thin Film Oxidation Uptake Test)	ASTM D 7098	50 ml	\$300.00
TGA Soot	ASTM E 1131	1 ml	\$103.00
Thermal Conductivity by DSC	ASTM D 2717	100 ml	\$500.00
Thermal Conductivity, Single Temperature	ASTM D 5930	100 ml	\$430.00
Thermal Conductivity, Temperature Scan	ASTM D 5930	100 ml	\$860.00
Thermal Stability (Hydraulic Fluids)	ASTM D 2070	300 ml	\$350.00
Thermo-oxidation Engine Oil Simulation Test (33C)	ASTM D 6335	100 ml	\$300.00
Thermo-oxidation Engine Oil Simulation Test (MHT-4)	ASTM D 7097	50 ml	\$400.00
Thin Film Oxygen Uptake Test (TFOUT)	ASTM D 4742	50 ml	\$300.00
Thin Film Oxygen Uptake Test (TFOUT)	ASTM D 7098	50 ml	\$300.00
Timken OK Load (Grease)	ASTM D 2509	3400 g	\$350.00
Timkin Extreme Pressure	ASTM D 2782	4 liters	\$350.00
Total Acid Number	ASTM D 664	50 ml	\$45.00
Total Ash	ASTM D 482	80 g	\$60.00
Total Base Number	ASTM D 2896	50 ml	\$50.00
Total Base Number	ASTM D 4739	20 ml	\$70.00
TP-1 Viscosity, Single Temperature	ASTM D 4684	100 ml	\$105.00
Trace Sediment	ASTM D 2273	200g	\$80.00
Vapor Pressure by Isoteniscope, Multiple Temps.	ASTM D 2879	10 ml	\$340.00
Vapor Pressure by Isoteniscope, Single Temp.	ASTM D 2879	10 ml	\$340.00
Vapor Pressure, Reid	ASTM D 323	125 ml	\$75.00
VI (includes KV at 40°C & 100°C)	ASTM D 2270	125 ml	\$60.00
Viscosity by Cone & Plate	SAVLAB CAP	10 ml	\$120.00
Viscosity Index (includes KV at 40°C & 100°C)	ASTM D 2270	125 ml	\$60.00
Viscosity Loss Trapezoid (VLT), 20 Pass	SAVLAB VLT	1 liter	\$580.00
Viscosity Loss Trapezoid (VLT), 30 Pass	SAVLAB VLT	1 liter	\$610.00
Viscosity Loss Trapezoid (VLT), 40 Pass	SAVLAB VLT	1 liter	\$640.00
Viscosity, Brookfield +20°C to -60°C (per temp.)	ASTM D 2983	200 ml	\$90.00
Viscosity, High Temperature High Shear New Oil	ASTM D 4683 & 6616	150 ml	\$115.00
Viscosity, High Temperature High Shear New Oil	ASTM D 6616 & 4683	150 ml	\$115.00
Viscosity, High Temperature High Shear Used Oil	ASTM D 4683 & 6616	150 ml	\$150.00
Viscosity, High Temperature High Shear Used Oil	ASTM D 6616 & 4683	150 ml	\$150.00
Viscosity, High Temperature Low Shear New Oil	SAVLAB TBR	150 ml	\$115.00

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Viscosity, High Temperature Low Shear Used Oil	SAVLAB TBR	150 ml	\$150.00
Viscosity, Kinematic 40°C or 100°C	ASTM D 445	125 ml	\$30.00
Viscosity, Kinematic Other Temperatures	ASTM D 445	125 ml	\$80.00
Viscosity, MRV Single Temperature	ASTM D 3829 Mod.	200 ml	\$160.00
Viscosity, MRV/TP-1 Single Temperature	ASTM D 4684	100 ml	\$105.00
Viscosity, Scanning Brookfield	ASTM D 5133	70 ml	\$185.00
Viscosity, T-Bar	ASTM D 1084 B	Varies	\$180.00
Viscosity, TBR New Oil	SAVLAB TBR	150 ml	\$115.00
Viscosity, TBR Used Oil	SAVLAB TBR	150 ml	\$150.00
Viscosity, TBS New Oil	ASTM D 4683 & 6616	150 ml	\$115.00
Viscosity, TBS New Oil	ASTM D 6616 & 4683	150 ml	\$115.00
Viscosity, TBS Used Oil	ASTM D 4683 & 6616	150 ml	\$150.00
Viscosity, TBS Used Oil	ASTM D 6616 & 4683	150 ml	\$150.00
Viscosity, TP-1 Single Temperature	ASTM D 4684	100 ml	\$105.00
VLT (Viscosity Loss Trapezoid), 20 Pass	SAVLAB VLT	1 liter	\$580.00
VLT (Viscosity Loss Trapezoid), 30 Pass	SAVLAB VLT	1 liter	\$610.00
VLT (Viscosity Loss Trapezoid), 40 Pass	SAVLAB VLT	1 liter	\$640.00
Volatile Organic Content (VOC)	EPA Test 24	10 ml	\$75.00
Volatility by Noack	ASTM D 5800	150 ml	\$185.00
Water by Karl Fischer	ASTM D 6304	100 ml	\$60.00
Water Tolerance, Engine Oil	ASTM D 6794	1 liter	\$550.00
Water Washout (Single Temperature)	ASTM D 1264	50 grams	\$280.00

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General Information

TEST REQUESTS AND INFORMATION

Telephone	989-496-2301
Facsimile	989-496-3438
Email	savant@savantgroup.com
Website	www.savantgroup.com

Bill Lutz	Laboratory Manager
Rebecca Cox	Vice President
Ted Selby	Research & Development Director

QUALITY CONTROL AND ASSURANCE

Savant is ISO 9001 certified. The laboratory also participates in the ASTM Test Monitoring Center (TMC) calibration program for bench tests, the ASTM Interlaboratory Crosscheck Program, and the European CEC annual round-robins where appropriate.

Savant is proud of its testing quality and accuracy. Tests will be rerun upon request to confirm data accuracy. If rerun test results fall within repeatability of original test results, both original and rerun tests will be billed to the customer. If rerun test results are not repeatable with original test results, subsequent analysis will be conducted to determine the source of error, accurate results will be reported to the customer, and only one test will be billed to the customer.

INTERPRETATION AND CONSULTING

As a research and testing laboratory, Savant is particularly well qualified to offer interpretation of test results and technical advisory services regarding lubricant performance, formulation or applications. We specialize in solving problems related to the measurement of critical lubricant properties. Services should be arranged in advance and are provided at a reasonable additional charge beyond the testing fee.

TEST AUTHORIZATION FORM

Clients are asked to enclose a copy of the Savant Test Authorization Form with every set of samples sent to Savant for testing.

SAVLAB TEST METHODS

Some test methods have been developed in Savant Laboratory to provide special test information to our clients that may be unavailable from other sources. These internal test methods carry a SAVLAB method

TEST RESULTS

Savant provides test results in tabular and/or graphical form as appropriate to an effective use of the data by our clients. Data is transmitted to clients by Email or facsimile. A final report is also sent by mail. Test results can also be transferred directly into Client databases by EDT (electronic data transfer) upon request.

SAMPLE AND DATA STORAGE

Client samples submitted for testing are kept on site for a minimum of one year from date of receipt. Other arrangements can be made for the storage of samples at the client's request. Copies of reports and raw test data are kept by Savant for a minimum of five years.

Savant, Inc.
Laboratory Testing Services

General Information

TEST FEES

Our fee structure is designed to give clients a choice depending on the urgency of testing requested. The turnaround times listed below apply to most tests, although certain specialized analyses may require additional time, which will be brought to your attention at the time the testing is requested.

Standard Service: Delivery of data to client by fax or email within ten working days of receipt of sample. A final report will be mailed.
(Fee as listed)

Expedited Service: Delivery of data to client by phone, fax or email within five working days. A final report will be mailed.
(30% Surcharge)

Rush Service: Delivery of data to client by phone, fax or email within one to three working days. Some tests require more time to complete and are not able to be included in our rush service. A final report will be mailed.
(50% Surcharge)

DISCOUNTS

The following discounts apply per single purchase or single release against a blanket purchase order.

Multiple Tests: 10% Discount -- Six to eleven different tests on the same oil.
20% Discount -- Twelve or more different tests on the same oil.

Multiple Oils: 10% Discount -- Six to eleven oils receiving the same test.
20% Discount -- Twelve or more oils receiving the same test.

PAYMENT TERMS

Net 30 days with approved credit. A purchase order is required unless other arrangements have been made. A late payment charge of 1.5% per month (18% annual rate) may be applied to past due invoices. Payments should be made payable and mailed to:

Savant, Inc.
4800 James Savage Rd.
Midland, MI 48642 USA

Mastercard, Visa, Discover, and American Express credit cards are also accepted.

SAMPLING AND MAILING SUPPLIES

Plastic sample bottles with shipping boxes can be purchased for \$3.70 each. Specify 4 oz. or 8 oz. bottle size.

Re-usable pump with 100 feet of disposable plastic tubing can be purchased for \$66.00. Additional plastic tubing can be purchased for \$12.00 per 100 feet.