

Savant Labs

Laboratory Testing Services

Tests by Category

Highlighted Tests are ISO/IEC 17025:2005 Accredited

Oxidation and Corrosion

Method	Test Description	Sample Size
ASTM D130	Copper Strip Corrosion	100 mL
ASTM D525	Oxidation Stability (Gasoline)	200 mL
ASTM D665	Rust Prevention 4 Hours (Method A or B)	1 L
ASTM D665	Rust Prevention 24 Hours (Method A or B)	2 L
ASTM D942	Oxidation Stability (Grease) 100 Hours	150 mL
ASTM D942 Mod.	Oxidation Stability (Grease) > 100 Hours	150 mL
ASTM D943	Oxidation Characteristics (2.0 TAN or 1000 Hours)	600 mL
ASTM D943	Oxidation Characteristics (2.0 TAN or 2000 Hours)	600 mL
ASTM D943	Oxidation Characteristics (2.0 TAN or 3000 Hours)	600 mL
ASTM D1748	Rust Protection by Humidity Cabinet	1 L
ASTM D2112	Oxidation Stability of Inhibited Oil by Pressure Vessel at 140°C	150 mL
ASTM D2272	Rotating Bomb Oxidation Test (RBOT) Single Run	150 mL
ASTM D2272	Rotating Pressure Vessel Oxidation Test (RPVOT) Single Run	150 mL
ASTM D2272	RPVOT, Run to End-of-Test, Hard Break	150 mL
ASTM D2274	Oxidation Stability (Petroleum Fuel Oil)	2 L
ASTM D2893	Oxidation Characteristics Extreme Pressure	500 mL
ASTM D4310	Sludging & Corrosion Tendency (Up to 1000 Hours)	1 L
ASTM D4742	Thin Film Oxidation Uptake Test (TFOUT) Gas Engine Oils	50 mL
ASTM D6335	Thermo-oxidation Engine Oil Simulation Test (TEOST 33C)	250 mL
ASTM D6557	Ball Rust Test	125 mL
ASTM D6594	High Temperature Corrosion Bench Test at 135°C	125 mL
ASTM D7097	Thermo-oxidation Engine Oil Simulation Test (TEOST MHT-4)	50 mL
ASTM D7098	Thin Film Oxygen Uptake Test (TFOUT) Catalyst B	50 mL
ASTM D7414	FTIR Analysis, In-Service Fluid, Oxidation	50 mL
ASTM D7462	Oxidation Stability (Biodiesel)	2 L
ASTM D7462	Oxidation Stability (Biodiesel - B100 Option)	2 L
EN 14112	Oxidation Stability (Biodiesel & Petroleum Blends) Rancimat	100 mL
EN 15751	Oxidation Stability (Bio-based FAME Only) Rancimat	100 mL
ASTM D7414	FTIR Analysis, In-Service Fluid, Oxidation	50 mL
ASTM D7462	Oxidation Stability (Biodiesel)	2 L
ASTM D7462	Oxidation Stability (Biodiesel - B100 Option)	2 L
EN 14112	Oxidation Stability (Biodiesel & Petroleum Blends) Rancimat	100 mL
EN 15751	Oxidation Stability (Bio-based FAME Only) Rancimat	100 mL