

Marine Lubricant Tests

Gold bullets indicate ISO/IEC 17025:2017 Accreditation

Method	Test Description	Sample Size
• ASTM D92	Flash Point, Cleveland Open Cup	250 mL
• ASTM D97	Pour Point	100 mL
• ASTM D445	Kinematic Viscosity, 40°C or 100°C, New Oil	125 mL
• ASTM D445	Kinematic Viscosity, 0°C and Above	125 mL
• ASTM D664	Acid Number	50 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 D1298	Density / API Gravity, Hydrometer	350 mL
• ASTM D2270	Viscosity Index (Includes D445 at 40°C & 100°C)	125 mL
• ASTM D2670	Falex Pin & Vee Wear	200 mL
• ASTM D2896	Base Number	50 mL
• ASTM D4683	High Temperature High Shear / TBS Viscosity, 150°C, New and Used Oil	150 mL
• ASTM D4684	TP-1 MRV Viscosity, Single Temperature	100 mL
• ASTM D5185	Elemental Analysis by Inductively Coupled Plasma (No S)	10 mL
• ASTM D5293	Cold Cranking Simulator, Single Temperature	120 mL
• ASTM D5453	Sulfur	10 mL
• ASTM D5762	Nitrogen	10 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	1 L
• ASTM D6795	Engine Oil Filterability (EOFT)	1 L



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