

Marine Fuel Tests

Gold bullets indicate ISO/IEC 17025:2017 Accreditation

Method	Test Description	Sample Size
• ASTM D97	Pour Point	100 mL
ASTM D381	Gum Content of Gasoline (Washed and Unwashed)	50 mL
• ASTM D445	Kinematic Viscosity, 0°C and Above	125 mL
ASTM D482	Total Ash	80 g
ASTM D525	Oxidation Stability (Gasoline)	200 mL
• ASTM D664	Acid Number	50 mL
ASTM D1298	Density / API Gravity, Hydrometer	350 mL
ASTM D2274	Oxidation Stability (Petroleum Fuel Oil)	2 L
ASTM D2500	Cloud Point	100 mL
• ASTM D2622	Sulfur by XRF - Wavelength Dispersive	30 mL
ASTM D4052	Specific Gravity (Includes API Gravity)	50 mL
ASTM D4294	Sulfur by XRF - Energy Dispersive	10 mL
ASTM D4530	Carbon Residue, Micro	150 mL
ASTM D4737	Cetane Index (Calculated from D1298 and D86)	500 mL
• ASTM D5185	Elemental Analysis by Inductively Coupled Plasma (No S)	10 mL
ASTM D6371	Cold Filter Plug Point	150 mL
NACE TM0172	Corrosive Properties of Cargoes in Petroleum Product Pipelines	1 L
SAVLAB WHAT	Fuel Additive Water Uptake	100 mL



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