

Electrical Insulating Fluid Tests

Gold bullets indicate ISO/IEC 17025:2017 Accreditation

Method	Test Description	Sample Size
• ASTM D92	Flash Point and Fire Point, Cleveland Open Cup	250 mL
• ASTM D97	Pour Point	100 mL
• ASTM D445	Kinematic Viscosity (and Calculation of Dynamic Viscosity)	125 mL
ASTM D611	Aniline Point	100 mL
• ASTM D664	Acid Number	50 mL
ASTM D877	Dielectric Breakdown Voltage	800 mL
ASTM D924	Dissipation/Power Factor	50 mL
ASTM D974	Acid and Base Number by Color-Indicator Titration	100 mL
ASTM D1298	Density / API Gravity, Hydrometer	350 mL
ASTM D1500	Color	150 mL
ASTM D1533	Water in Insulating Liquids by Coulometric Karl Fischer Titration	100 mL
ASTM D2112	Oxidation Stability of Inhibited Oil by Pressure Vessel at 140°C	150 mL
ASTM D2717	Thermal Conductivity - Single Temperature	100 mL
ASTM D4052	Specific Gravity (Includes API Gravity)	50 mL



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