

PRODUCT SPECIFICATIONS

Property	Test Method	Results
Appearance	Visual	Clear, Brown Liquid
Colour ASTM	ASTM D1500	4.5
Odour	In House (SGS)	Mild solvent odour
Specific Gravity @15°C	ASTM D4052	1.12 ± 0.03 kg/m ³
Viscosity @40°C	-	0.63 cSt
Pour Point/Freezing Point	ASTM D97-11	-84 °C
Flash Point (PMCC)	ASTM D93	No flash point detected
Flash Point (COC)	ASTM D92-12b	No flash point detected
Aerosol Pressure	-	100 – 110 psi
Upper/Lower Flammability (Explosive) Limits	-	LEL = 2.371% UEL = 15.002%
Volatile by volume	-	24.9%
Dielectric Strength	ASTM D877	1,800 V
Saponification Number	ASTM D94	< 0.1
Solubility in Water	-	Insoluble
Operating Temperature	-	-18°C to 340°C
Storage Stability	In House (SGS)	Stable
Copper Corrosion @40°C, 3hrs	ASTM D130	No. 1
Rust Prevention Test	NACE standard TM0172-93	Pass
High Temperature-Cyclic Storage	MIL-STD-810F Method 501.4	No rust observed. Meets MIL-STD requirements for a simulated 2-year storage
Humidity Resistance	MIL-STD-810F Method 507.4	No rust observed. Meets MIL-STD requirements in high humidity conditions
Salt Fog	MIL-STD-810G Method 509.5	0-0.3% rust observed. Meets MIL-STD requirements in 48hr exposure to salt fog
Four Ball Wear Test	ASTM D4172	0.34mm
Timken OK Load	ASTM D2782	4kg