

DESCRIPTION

Dober's EV Coolant Super Low Conductivity (SLC) is a ready-to-use ethylene glycol-based coolant with very low electrical conductivity. This coolant is based on specialty corrosion inhibitors, which impart long-term, stable electrical conductivity that is essential for the safe operation of a battery electric vehicle (BEV).

TYPICAL PROPERTIES

Appearance	Clear liquid	
Density, g/cm ³	1.074	ISO 12185
Viscosity, mm ² /s	0°C 40°C 80°C	8.47 2.2 0.96 ASTM D 445
Boiling Point	°C	115 ASTM D 1120
Pour Point	°C	-54 ASTM D 97
Freezing Point	°C	-37 to -38 typical ASTM D 1177
Refractive Index		1.389 ASTM D 1218
pH		6.0 ASTM D 1287
Electrical Conductivity, µS/cm	25°C	14.0 ASTM D 1125
Temperature Range	between -30°C and 100°C	
Storage	Store unopened, air-tight container at 30°C max for one year	

Corrosion Protection

ASTM D8485 Glassware Corrosion Test Results

Specimen	Test Values	D8485 Limits, max.
Copper C11000	0.08	10
Stainless Steel S30400	0.30	10
Aluminum A93003	-0.53	30

Coupons After 2-Week Test

