

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 imparts long-term, stable electrical conductivity that is essential for the safe operation of BEV.

PROPERTIES

Appearance		Clear liquid	
Density, g/cm ³		1.074	ISO 12185
Viscosity, mm ² /s	0°C	8.47	ASTM D 445
	40°C	2.2	
	80°C	0.96	
Boiling Point	°C	115	ASTM D 1120
Pour Point	°C	-54	ASTM D 97
Freezing Point	°C	-41	ASTM D 1177
Refractive Index		1.389	ASTM D 1218
pH		6.0	ASTM D 1287
Electrical Conductivity, μS/cm (without temperature compensation)	25°C	9.9	ASTM D 1125
	50°C	14.9	
	88°C	17.5	
Temperature Range		between -30°C and 100°C	
Storage		Store unopened, air-tight container at 30°C max for one year	

CORROSION PROTECTION

ASTM D-1384 Glassware Corrosion Test Results

ASTM D1384 Glassware Corrosion Test – 80°C
Typical Test Results [No Corrosive Water]

Specimen	Test Values	D1384 Limits, Max.
Copper	-1	10
304L Steel	-1	10
Brass	0	10
5052 Aluminum	-4	10
316L Steel	0	10
6061 Aluminum	-4	30

Coupons After 2 Week Test



Compatible with polymers and elastomers including EDPM, silicone rubber and Viton.