

Dielectric Battery eCoolant

Dielectric Battery eCoolant is a dielectric battery coolant formulated to cool the heat sources of direct battery cooling systems in electric vehicles, supporting longer battery life, lower temperature and faster charging time.

Features

Full Compatibility: Fully compatible with eMotors. Provides excellent material compatibility.
Excellent Oxidation Stability: Direct Coolant provides good oxidative stability.
Very Low Electrical Conductivity: Has very low electrical conductivity at first use and after use.
Excellent Protection: Has robust corrosion prevention performance. Exhibits excellent foam control.
Excellent Thermal Conductivity and Cooling Capacity: Exhibits excellent thermal conductivity, critical for effective cooling.
Good Fire Safety: Higher flash/ignition points mean better safety. Its synthetic composition also supports this feature.
Excellent Copper Protection: Provides excellent copper protection performance in both liquid and vapor phases.

Technical Specifications

*Kinematic Viscosity @100˚C, cSt	ASTM D 445	2,92
*Viscosity Index	ASTM D 2270	114
*Brookfield Viscosity, @ -40°C, mPa.s (cP)	ASTM D 2893	1160
*Pour Point, °C	ASTM D 97	-72
*Flash Point (COC), ˚C	ASTM D 92	190
*Density, g/ml	ASTM D 4052	0,81
*Acid Number, mgKOH/g	ASTM D664	0,03
Rust Test	ASTM D 665A	Pass
*Foaming Stability, Stage II, ml/ml	ASTM D 892	0/0

**Data given above are typical properties and may vary slightly.*

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