

Petra UltraCool™ Electric Vehicle Coolant (50/50 Prediluted)

PN4018G (1 Gal) | PN4018G5 (5 Gal)

Technical Data Sheet



Product Description:

Petra UltraCool™ EV Coolant, featuring Super Low Conductivity technology, 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 Hybrid and Battery Electric Vehicles across the spectrum of OEM EV vehicles. Conventional glycol-based engine coolants for ICE vehicle cooling systems are not suitable for EV's based on the need for corrosion inhibition but low conductivity in addition to specific material compatibility. UltraCool is compatible with polymers and elastomers including EDPM, silicone rubber and Viton (fluorocarbon). Also safe on automotive finishes.

Features

- Super low conductivity coolant (<50 µS/cm)
- Universal for all hybrid electric vehicles (HEV) and battery electric vehicles (BEV) across U.S., Asian, and European electric vehicles
- Extensively tested for material compatibility for all conventional and electric cooling system components
- Prediluted with deionized water to ensure low conductivity and ease of use in the shop and to ensure maximum cooling efficacy

Benefits

- Safe; provides the required electrical resistance to insulate system from electrical conductivity and discharge from batteries and inverters
- Universal product- use across all HEV's and BEV's
- Designed and tested to protect expensive and sensitive electrical components
- Predilution provides a ready-to-use product for safety and efficacy



Appearance	Clear Liquid	
Density, g/cm ³	1.074	ISO 12185
Boiling Point °C	115	ASTM D 1120
Pour Point °C	-54	ASTM D 97
Freezing Point °C	-41	ASTM D 177
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	



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