



86000AEV Antifreeze Electric Vehicles Concentrate

Document version: May 13, 2024



Description

This antifreeze is based on the proven OAT technology with reduced electrical conductivity and has been specially developed for indirect cooling of battery electric vehicles (BEV). The combination of additives in the formulation ensures a low and stable electrical conductivity ($<100 \mu\text{S}/\text{cm}$) during application in the cooling system. Due to the special additive package, this antifreeze is not intended for use in traditional cooling systems and fuel cell applications (FCEV). This antifreeze should be diluted with 50% demineralized water before use.

Application manual

According to the specifications of

Hyundai 00232-19091 / 07100J2A20EU
KIA 07100J2A20EU / UM020-CH237

Packaging units

ART. NR.	VOLUME	ITEMS PER UNIT	ITEMS PER PALLET
86001AEV	1 L	6	450
86005AEV	5 L	4	112
86020AEV	20 L	1	30
86060AEV	60 L	1	6
86205AEV	205 L	1	2
86999AEV	1000 L	1	-

Standard analyses

TEST	VALUE		METHOD
Density at 20°C	1.112	kg/l	ASTM D1122
Colour	Light blue		
Electrical Conductivity at 25°C	38	µS/cm	ASTM D1125
Freezing Point 50% diluted	-37	°C	ASTM D97
Boiling point	187	°C	ASTM D1120
pH 50% diluted	8.2		ASTM D1287

These characteristics are typical of current production. Variations in these characteristics may occur.