Eurol Electric EV Brake Fluid

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Product information

Eurol Electric EV Brake Fluid is a synthetic DOT 5.1 brake fluid based on glycol ethers, specially developed for hydraulic brake and clutch systems of electric and hybrid vehicles. The formulation is tailored to the specific requirements of modern EV brake systems, such as high thermal load and the presence of electrical components.

Product benefits

- High dry and wet boiling points
- Low viscosity for rapid pressure build-up
- Excellent corrosion protection
- High thermal and oxidative stability
- Good compatibility with seals and elastomers

Instructions for use

- Do not mix with mineral or silicone-based brake fluids (DOT 5.0)
- Use only in clean systems
- Replace according to OEM specification

Performance level

- FMVSS 116 DOT 5.1
- ISO 4925 class 5.1
- SAE J1703

Physical properties

Characteristic	Value/Result	ASTM Standard
Color	Colourless.	
Density at 20°C	1.07 kg/l	ASTM D 4052
Viscosity, kinematic at 40 °C	7.0 cSt	ASTM D 445
Viscosity, kinematic at 100 °C	2.1 cSt	ASTM D 445
Flash point	120 °C	ASTM D 92
Melting point	-50.0	
Dry boiling point	260.0 °C	SAE J1703
Wet boiling point	180.0 °C	SAE J1703
Pour point	-36 °C	ASTM D 97

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