

EV-FLUIDS BRAKE FLUID DOT 5.1

Description

Fluid developed for the hydraulic brakes of modern vehicles equipped with driving control and assistance systems such as ABS, ESP or ADAS.

It is especially suitable for electric and hybrid vehicles due to its high boiling points (dry and wet), low viscosity, and lower conductivity. It has broad applicability, meeting DOT 5.1, DOT 4LV, DOT 4, and DOT 3 specifications.

Properties

- Compatible with electric and hybrid vehicle gaskets and seals.
- High boiling point.
- Optimal additive technology, which prevents foam formation.
- Great thermal stability and excellent behaviour at high temperatures, which allows longer periods between changes.
- Never mix with mineral or silicone-based brake fluids (DOT 5.0).

Quality levels, approvals and recommendations

- Approved by the official INTA laboratory according to UNE 26-409-92 Subclass A with certificate number 347
- SAE: J 1703/J 1704
- ISO: 4925 (Classes 3, 4, 5.1, 6 & 7)
- US FMVSS 116 DOT 5.1, DOT 4LV, DOT 4, DOT 3

Technical specifications

	UNIT	METHOD	VALUE
Appearance	-	Visual	Transparent yellowish
Water content	ppm	ASTM D1364	<2000
Density at 20 °C	g/cm ³	ASTM D1298	1.07
Viscosity at -40 °C	cSt	ASTM D445	<750
Viscosity at 100 °C	cSt	ASTM D445	>1,5
Boiling point	°C	SAE J1704	260
Wet boiling point	°C	SAE J1704	180
pH	-	ASTM D1121	>7
Sedimentation (144h, -40 °C)	-	SAE J1704	Nule

The above mentioned characteristics are typical values and should not be considered product specifications.