



PRISTA® DOT-3 /DOT-4

AUTOMOTIVE BRAKE FLUIDS

Description and application

PRISTA® DOT-3 and DOT-4 brake fluids are high-performance hydraulic fluids based on polyethylene glycol ethers, enhanced with corrosion and oxidation inhibitors and stabilizers to ensure reliable braking performance and system protection. They are designed for use in hydraulic brake and clutch systems in passenger cars, trucks, buses, and trailers, and are fully compatible with rubber, SBR, and EPDM seals.

The formulation provides effective protection against corrosion of metal components, helping to extend system life and maintain performance.

Not compatible with petroleum-based brake fluids and must not be mixed with them.

Benefits

- Excellent corrosion protection
- Brake systems seals compatibility
- Good oxidation stability

Specifications

ISO 4925	Class 3 & Class 4
ATE	DOT 3 & DOT 4
SAE J	1703, 1704
FMVSS	116

Typical characteristics

Parameter	Test Method	Typical Value	
		DOT-3	DOT-4
Appearance	Visual	Clear, homogenous liquid	
Color	visual	light yellow	
Odor	olfactory	characteristic	
Density at 20°C, g/cm ³	EN ISO 3675	1.06	1.066
Kinematic viscosity at	EN ISO 3104		
› 100°C, mm ² /s.		1.91	2.20
› - 40°C, mm ² /s.		1290	1320
Equilibrium reflux boiling point, °C	ISO 4925, s.6.2	247	260
Wet equilibrium reflux boiling point, °C	ISO 4925, s.6.2.6	145	160
Flash point, COC, °C	EN ISO 2592	138	144
pH	ISO 4925, s.6.3	10.0	8.2
High Temperatures Stability, °C	ISO 4925, s.6.4.1	max ± 3 , + 0.05 °C for each degree above 225 °C	

Important note: typical data values do not constitute a specification but are an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved.

Health, safety and handling

Brake Fluids are highly hygroscopic and easily absorb moisture from the air. Water strongly impairs the boiling point and the quality of the fluids based on current available information; this product is not expected to produce adverse effects on health when used for the intended application. Please, strictly follow the recommended storage conditions in the relevant MSDS. For more information about product MSDS, terms and conditions for storage and shelf life please visit: www.prista-oil.com