



# PRISTA® DOT 5.1

## AUTOMOTIVE BRAKE FLUID

### Description and application

**PRISTA® DOT 5.1** is a high-performance synthetic brake fluid based on glycols ethers and additives, specially developed for hydraulic brake systems of modern cars, trucks, and other vehicles driving under more severe conditions, like rallying and racing, driving in mountain areas, stop-and-go work etc.

**PRISTA® DOT 5.1** is suitable for all disc-, drum-, and anti-skid braking systems, used in passenger cars, trucks and other vehicles requiring DOT 5.1 level performance. The product is compatible and especially designed for brake systems equipped with rubber, SBR (styrene-butadiene rubber) or EPDM (ethylene-propylene-diene-monomer rubber) seals and cups. The product must not be mixed with silicone type or silicate ester type brake fluids.

### Benefits

- High boiling point
- Very good low temperature properties
- Excellent corrosion protection
- Brake systems seals compatibility
- Suitable for anti-locking brake system (ABS)

### Specifications

ISO 4925	Class 5.1
SAE J	1704
FMVSS 116	DOT 5.1

### Typical characteristics

Parameter	Test Method	Typical Value
Appearance	Visual	Clear, homogenous liquid
Color	visual	Clear to amber
Odor	olfactory	characteristic
Density at 20°C, g/cm <sup>3</sup>	ASTM D 4052	1.068
Kinematic viscosity at	ASTM D 7042	
› - 40°C, mm <sup>2</sup> /s.		813
› 100°C, mm <sup>2</sup> /s.		2.1
Reflux boiling point, °C	ASTM D 1120	267
Wet ERBP, °C	ASTM D 1120	186
Water, %	ASTM D 1123	0.12
pH	ASTM E 70	7.4

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](http://www.prista-oil.com)