

BRAKE FLUID DOT 5.1

low-viscosity, high-performance brake fluid

Description

BRAKE FLUID DOT 5.1 is a brake fluid for hydraulic brake and clutch systems with a boiling point of at least 260 °C and an extremely high wet boiling point of at least 180 °C. Because of the low viscosity at low temperatures, particularly suitable for additional systems.

Advantages

- increased wet boiling point
- increases safety reserve against vapour lock
- suitable for ABS, ASR and ESP
- Ensures optimum brake performance and excellent response behaviour

Field of application

According to extensive tests in racing, BRAKE FLUID DOT 5.1 can be used in on-road and off-road motorcycles, as well as passenger cars and commercial vehicles where a brake fluid complying to the FMVSS 116 DOT 5.1 specification is required.

Application

May damage paints, varnishes and some plastics. May only be poured into systems designed for brake fluids.

Specifications

FMVSS 116 DOT 5.1; SAE J1703; SAE J1704; ISO 4925 Class 5.1

Notes

Mixing with mineral-oil- and silicone-based brake fluids or DOT 5.0 must be avoided. Observe the vehicle manufacturer's change intervals.

Technical data

Properties	Unit	Test according to	Values
Colour			yellow
Density at 20 °C	g/cm ³	ASTM D4052	1.060
Viscosity at 40 °C	mm ² /s	DIN 51562-1	7
Viscosity at 100 °C	mm ² /s	DIN 51562-1	>1.5
Pourpoint	°C	ASTM D5950	<-70
Flash point C.O.C.	°C	DIN EN ISO 2592	>130
Viscosity at - 40 °C	mm ² /s	DIN 51398	<900
Boiling point wet	°C		>180
Boiling point dry	°C		>260

European waste code: 16 01 13 / Water hazard class: 1

The above information corresponds to the current state of our knowledge. We reserve the right to make changes. The performance characteristics indicated are based on testing and production tolerances standard in this industry. A safety data sheet is available.

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