

# 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 assistance systems.

## Product features

- 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.

## Notes

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

## Specifications

FMVSS 116 DOT 5.1, ISO 4925 CLASS 5.1, SAE J1703, SAE J1704

## Technical Data

Properties	Test according to	Unit	Values
Colour			yellow
Density at 20 °C		g/cm <sup>3</sup>	1.060
Viscosity at -40°C	DIN 51562-1	mm <sup>2</sup> /s	< 900.0
Viscosity at 40°C	DIN 51562-1	mm <sup>2</sup> /s	7.0
Viscosity at 100°C	DIN 51562-1	mm <sup>2</sup> /s	> 1.5
Flash point	DIN EN ISO 2592	°C	> 130
Pourpoint	ASTM D5950	°C	< -70
Boiling point dry		°C	> 260
Boiling point wet		°C	> 180

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.