Version : **2**
Date : **23 January 2026**

BRAKE FLUID DOT 5.1

Characteristics

Brake Fluid DOT 5.1 is recommended for ABS, ESP, and ASR brake systems. Its low viscosity, compared to conventional DOT 4 brake fluids, is particularly effective in these systems. Brake Fluid DOT 5.1 is especially suitable when high brake system temperatures must be taken into account.

Brake Fluid DOT 5.1 has a high wet boiling point, which significantly reduces the risk of vapor formation in the brake system. This is important for asbestos-free brake linings and frequent braking (e.g., in mountains and/or with a trailer) and the associated increased heat generation.

Application

Brake Fluid DOT 5.1 is miscible with other synthetic brake fluids that meet the standards of FMVSS 116 DOT 3, DOT 4, and DOT 5.1 and can be used in systems where these specifications are required.

Specifications

FMVSS 116 DOT 5.1 | ISO 4925 class 5.1 | JIS K2233

Typical properties

Density at 20°C	kg/L	1,065
Equilibrium Reflux BP °C	°C min.	275
Wet Equilibrium Reflux BP °C	°C	185
Viscosity -40°C	cSt	812
Viscosity 100°C	cSt	2.28
pH, 50%	Vol	7.3
Water content	%wt	0.10
Colour		Amber

Volume	Art.no.
1 ltr	370471
4 ltr	370474
5 ltr	370475
20 ltr	3704720
60 ltr	3704760
208 ltr	37047208
bulk	37047

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