

Brake Fluid DOT 5.1

Description

Synthetic formulation based on glycol ethers, alkyl polyglycols and glycol ether esters which guarantees full function even during extreme conditions. A higher wet and dry boiling point compared to DOT 3 and DOT 4 brake fluids and unique inhibitors provide corrosion and oxidation protection at high temperatures. Special scavengers are used to suppress steam at increased moisture levels.

Properties

- excellent viscosity/temperature properties
- high thermal stability
- miscible and compatible with high-quality synthetic brake fluids
- assures a high degree of lubricating action on all moving components in the hydraulic brake circuit
- outstanding protection against the formation of steam bubbles
- excellent elastomer compatibility
- excellent low temperature behavior
- extremely high wet and dry boiling points

Specifications / Approvals

FMVSS 116 DOT 3 • FMVSS 116 DOT 4 • FMVSS 116 DOT 5.1 • ISO 4925 Class 3 • ISO 4925 Class 4 • ISO 4925 Class 5.1 • SAE J 1703 • SAE J 1704

Technical data

Viscosity at -40 °F	≤ 900 mm ² /s
Viscosity at 212°F	min. 1,5 mm ² /s
pH value	7-10.5
	SAE J 1703
ERBP	> 500 °F
	ISO 4925.6.1
Density at 68 °F	1,04-1,09 g/cm ³
	ASTM D 941
Color / appearance	amber
ERBP, wet	> 356 °F
	ISO 4925.6.1
Thermal stability ERBP change	≤ 37 °F
Form	liquid
Odor	mild
Flash point	>100
	IP 35 (Pensky-Martens, open cup)
Shelf life in original sealed container	24 months

Areas of application

For hydraulic systems that specify a fluid consistent

with current product specifications.

Application

Observe the manufacturers instructions!

Available pack sizes

250 ml Canister plastic	20158
	USA-EN
500 ml Canister plastic	22286
	USA-EN
1 l Canister plastic	22287
	USA-EN



Our information is based on thorough research and may be considered reliable, although not legally binding.