Product information

Brake Fluid DOT 5.1

PI 35/21/08/2020

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 and 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

ERBP	> 500 °F ISO 4925.6.1
pH value	7-10.5 SAE J 1703
Density at 68 °F	1,04-1,09 g/cm³ ASTM D 941
Color / appearance	bernstein / amber
ERBP, wet	> 356 °F ISO 4925.6.1
Thermal stability ERBP change	⩽ 37 °F
Form	flüssig / liquid
Odor	mild / 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-)

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

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