

Brake Fluid DOT 5.1

Description

Synthetic brake fluid based on glycol ethers, alkyl polyglycols and glycol ether esters. It contains inhibitors to prevent the corrosion of metallic brake components and to reduce oxidation at increased temperatures. Specially developed to extend the operating life of components in the hydraulic brake and clutch systems of motor vehicles. The brake fluid has a high wet and dry boiling point, thus ensuring safe braking even after the absorption of some moisture over an extended period of use. Special moisture scavengers help to prevent against the formation of steam bubbles.

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/cm ³ 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

Exceptionally well-suited for use with all disk and drum brake systems, as well as vehicle clutch systems for which a synthetic brake fluid of DOT 5.1 specification is required. The brake fluid is also suitable for use in ABS brake systems.

Note: Observe manufacturers instructions!

Application

Liqui Moly DOT 5.1 brake fluid can be used with all conventional brake fluid bleeding devices. Liqui Moly DOT 4 brake fluid is miscible and compatible with all high-quality synthetic brake fluids. The optimal period of use for this brake fluid is, however, only ensured when it is used alone. It is recommended that the brake fluid be changed in accordance with the specifications from the vehicle manufacturer.

Available pack sizes

250 ml Canister plastic	20158 USA (-EN-)
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Our information is based on thorough research and may be considered reliable, although not legally binding.