

Brake Fluid DOT 5.1

Description

Synthetic brake fluid based on glycol ethers, alkyl polyglycols and polyglycol 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 an excellent 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 / 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 °C	≤ 900 mm ² /s
Viscosity at 100 °C	min. 1,5 mm ² /s
pH value	7-10.5 SAE J 1703
ERBP	> 260 °C ISO 4925.6.1
Density at 20 °C	1,04-1,09 g/cm ³ ASTM D 941
Color / appearance	amber
ERBP, wet	> 180 °C ISO 4925.6.1
Thermal stability ERBP change	≤ 3 °C
Form	liquid
Odor	mild
Flash point	>100 IP 35 (Pensky-Martens, open cup)



Technical data

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 this specification is prescribed. The brake fluid is also ideally suited for use in ABS brake systems.

Note: Note the vehicle manufacturer's specifications!

Application

Can be used with all conventional brake fluid bleeding devices. Miscible and compatible with 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	3092 GB-ARAB
250 ml Canister plastic	21160 D
500 ml Canister plastic	21161 D-GB
1 l Canister plastic	21162 D-GB
5 l Canister plastic	21163 D-GB
20 l Canister plastic	21164 D-GB-I-E-P
55 l Black plate barrel	21165 D-GB

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