Product information
Brake Fluid DOT 5.1

PI 42/08/18/2026

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 vapor bubbles.



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

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 mm²/s
Viscosity at 100 °C	min. 1,5 mm²/s
pH value	7-10.5 SAE J 1703
ERBP	> 500°F °C ISO 4925.6.1
Density at 20 °C	1,04-1,09 g/cm³ 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: The specifications from the vehicle manufacturer must be followed!

Application
Can be used in all conventional brake fluid bleeding devices. 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	3092 AR-EN
250 ml Canister plastic	21160 DE
500 ml Canister plastic	21161 DE-EN
500 ml Canister plastic	21579 BRPT
1 l Canister plastic	21162 DE-EN
5 l Canister plastic	21163 DE-EN
20 l Canister plastic	21164 DE-EN-ES-IT-PT
55 l Black plate barrel	21165 DE-EN

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

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legally binding.

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