

Brake Fluid DOT 5.1

Description

Liqui Moly DOT 5.1 brake fluid is a 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. This means that no acid-containing decomposition products are able to form. Liqui Moly DOT 5.1 brake fluid was developed specially in order to extend the operating life of components in the hydraulic brake and clutch systems of motor vehicles. Liqui Moly DOT 5.1 brake fluid enjoys excellent wet and dry boiling points, thus guaranteeing 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. Liqui Moly DOT 5.1 brake fluid is also ideally suited to use in ABS brake systems.

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 • SAE J 1703 • SAE J 1704

Technical data

ERBP	> 260 °C ISO 4925.6.1
pH value	7-10.5 SAE J 1703
Density at 20 °C	1,04-1,09 g/cm ³ ASTM D 941
Color / appearance	bernstein / amber
ERBP, wet	> 180 °C ISO 4925.6.1
Thermal stability ERBP change	≤ 3 °C
Form	flüssig / liquid
Odor	mild / mild



Technical data

Flash point	>100 IP 35 (Pensky-Martens, open cup)
Viscosity at 20 °C	~5-10 cSt ASTM D 245
Shelf life in original sealed container	24 months

Areas of application

Liqui Moly DOT 5.1 brake fluid is ideally suited to use with all disk and drum brake systems, as well as motor vehicle clutch systems for which a synthetic brake fluid is prescribed.

Note: The specifications from the automobile manufacturer must be followed!

Application

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

Available pack sizes

250 ml Canister plastic	3092 GB
250 ml Canister plastic	5986 F
250 ml Canister plastic	20864 JP
55 l Drum sheet metal	3672 D

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