

Bremsflüssigkeit DOT 5.1 (DOT 5.1 Brake Fluid)

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.

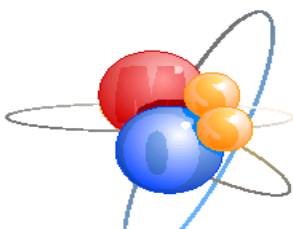
PROPERTIES

- extremely high wet and dry boiling points
- outstanding protection against the formation of steam bubbles
- excellent stability at low temperatures
- outstanding viscosity-temperature behavior
- outstanding elastomer compatibility
- ensures a very high degree of lubricating action on all moving components in the hydraulic brake circuit
- very high level of thermal stability throughout the entire period of application
- miscible and compatible with high-quality synthetic brake fluids
- exceeds the following performance requirements: SAE J 1703, J 1704; ISO 4925; CUNA NC 956-01 and FMVSS 571.116 DOT 5.1;

TECHNICAL DATA

Color		: yellow	
ERBP ISO 4925.6.1		: > 260	°C
ERBP, wet	ISO 4925.6.1	: > 180	°C
Kinematic viscosity at -40 °C	ISO 4925.6.2	: = 900	mm ² /s
Kinematic viscosity at +100 °C	ISO 4925.6.2	: > 1.5	mm ² /s
Density at 20 °C	ASTM D 941	: 1.02 – 1.07	g/ml
pH	ISO 4925.6.3	: 7 – 10.0	
Thermal stability			
Change in ERBP	ISO 4925.6.4	: = 3	°C
Chemical stability			
Change in ERBP	ISO 4925.6.6	: = 3	°C
Evaporation at 100 °C	ISO 4925.6.7		
- Loss		: < 80	% mass
- Residue		: no precipitate	
- Residual flow point		: = - 5	
Shelf life in original sealed container		: 1 year	

.../2



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APPLICATIONS

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 SIZE

DOT 5.1 Brake Fluid

250 ml

Part no. 3092

PI 02/01/06

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

