

Product Data Sheet

Tomoil™ Brake & Clutch Fluid DOT-4

Brake fluid

Product description

Tomoil™ Brake & Clutch Fluid DOT-4, an advanced automotive brake fluid with a glycol base, is meticulously crafted for utilization in traditional hydraulic brake and clutch systems. Formulated with precision to prolong the lifespan of brake system components in automobiles, it provides outstanding braking performance, a high boiling point, and excellent resistance to moisture.

Application

Tomoil™ Brake & Clutch Fluid DOT-4 is recommended for use in the disc, drum, and Anti-locking Brake Systems (ABS) of commercial vehicles, passenger cars, and motorcycles operating under moderate to severe conditions, requiring DOT 4 type fluid. It is also suitable for hydraulic clutch release systems.

Features & Benefits

- Provides excellent brake performance and pedal feel
- Protects brake system components against corrosion and wear
- Resistant to high temperatures and boiling points
- Compatible with most rubber seals and gaskets used in brake systems

Typical Properties

Property	Unit	Test method	Typical value
Appearance	-	Visual	Clear homogeneous liquid
Kinematic Viscosity - at 100°C	cst	ASTM D 445	2.100
Boiling Point - of a dry liquid - of a wetted liquid	°C	ASTM D 1120	- 246 146
High Temperature Stability	°C	ISO 4925	max ± 3, + 0.05 °C for each degree above 225 °C
pH	-	ASTM D 974	10
Density at 20°C	g/cm ³	ASTM D4052	1.062

Typical property characteristics are based on current production. Whilst future production will conform to TomoilTM specifications, variations in these characteristics may occur.

Performance claims

- FMVSS 116 DOT 4
- FMVSS 116 DOT 3
- ISO 4925 Class 4
- SAE J1704
- SAE J1703

Health, Safety & Environment

• Health and Safety

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application, and good standards of industrial and personal hygiene are maintained.

For further guidance on Product Health & Safety refer to the appropriate Safety Data Sheet which can be obtained upon request or through our website: www.tomoil.de

• Protect the Environment

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

Available pack sizes

- 0.25 L Canister plastic
- 0.50 L Canister plastic
- 1 L Canister plastic
- 5 L Canister plastic
- 20 L Canister plastic
- 200 L Drum sheet metal
- 1000 L Container

Storage

- We recommend to store all packages under cover.
- Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings.
- Products should not be stored above 60 °C, exposed to hot sun or freezing conditions.

Notes

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by ALCO LLC for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. You should consult our sales specialists if you require any further information.

