

LUBEX BRAKE FLUID DOT- 5.1

HIGH QUALITY BRAKE FLUID

PRODUCT DESCRIPTION

It is glycol ether based hydraulic brake fluid, specifically formulated to exceed the requirements of the internationally recognised hydraulic brake fluid standards. The material composition and performance will ensure the safe and reliable operation of vehicle braking systems.

APPLICATION/ USAGE

It can be safely used in the brake and clutch units of all high performance modern vehicles which vehicle manufacturers recommend DOT-5.1 brake hydraulic fluid usage. It can be mixed other non-silicon base hydraulic brake fluids meeting DOT-4 and DOT-3 hydraulic brake fluid standards, but do not mix with the mineral and silicon based products.

Attention must be paid to the avoidance of contamination of brake fluid with water which will dramatically lower the boiling point of the fluid and reduce safety margins of hydraulic brake fluid.

ADVANTAGES/ BENEFITS

- Thanks to its high boiling point and resistant to high heat, it operates efficiently despite prolonged use or temperature rise caused by extreme conditions. Therefore minimising the risk of vapour lock even under extreme driving conditions.
- It maintains its fluidity during the start-up in cold climates and ensures the brake system to work efficiently. Also, it does not leak even at high operating temperatures.

- Provides improved brake control at low temperatures and rapid reaction in stability systems such as ABS, ASR.
- It provides superior protection against oxidation, rust and corrosion.
- Compatible with braking system components.
- Miscible with DOT-3, DOT-4 and other non-silicone based DOT-5.1 products.
- It is not compatible with silicon and mineral oil based hydraulic brake fluids.

SPECIFICATIONS/ APPROVALS

SAE J 17035
ISO 4925
FMVSS 116 DOT-5.1

STORAGE

Protect from direct sunlight and rain. Store in the original closed drums and in covered areas. Storage temperature must be between (+5)-(+40)°C.

HEALTH AND SAFETY

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application. Used or waste product should not be allowed to contaminate soil or water. Used or waste product should be disposed of in accordance with local regulations. For further guidance on product Health and Safety refer to the appropriate Material Safety Data Sheet.

TECHNICAL PROPERTIES	TEST VALUES	TEST METHOD
Appearance	Clear and bright liquid, free from suspended matter	-
Density (g/mL, 20°C)	1,061	ASTM D 1298
Equilibrium Reflux Boiling Point (°C)	270	ISO 4925
Wet Equilibrium Reflux Boiling Point (°C)	180	ISO 4925
Kinematic Viscosity (100°C, cSt)	2,28	ASTM D 445
Kinematic Viscosity (-40°C, cSt)	812	ASTM D 445
pH Value (50%, vol)	7	ASTM D 1121

"The above information is derived from our quality checks. Given values are typical of current production. While future production will conform to our specification, variations in these characteristics may occur. Quality Control Analysis Report for to learn properties of the product that is supplied can give. It does not relieve the purchaser from examining product upon delivery and gives no assurance of the product for any particular purpose. Due to continual product research and development, the information contained herein is subject to change without notification."

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BELGiN

BELGiN MADENİ YAĞLAR TİC. ve SAN. A.Ş.
Gebze OSB Mah. İhsan Dede Cad.
No: 125/1, 41400 Gebze, Kocaeli, Turkey
T +90 262 751 02 92 F +90 262 751 01 98
info@lubex.com.tr - lubex.com.tr