

BRAKE FLUID DOT-5.1



Description

BENZOL® Brake fluid DOT 5.1 is a premium quality type of hydraulic fluid used in hydraulic brake and clutch applications in automobiles, motorcycles, light trucks, and some bicycles. It is used to transfer force into pressure. It is recommended for complete fluid replacement and "top-up" in most cars and light trucks.



Applications

BENZOL® Brake Fluid is formulated for use in automotive disc brake systems and all hydraulic brake systems with the exception of those where a mineral oil-based fluid is required. It is suitable for use where the vehicle manufacturer specifies DOT-5.1 fluids.

Performance Benefits

- Unique Low Moisture Activity (LMA) formulation provides maximum wet boiling point protection against vapor lock brake failure when compared to leading brake fluids.
- Provides superior fluidity at low temperatures for optimum braking response.
- Mixes with conventional brake fluid.

Specifications and Approvals

SAE J1703, J1704, FMVSS No. 116 DOT 5.1 (Grade B) MOTOR VEHICLE BRAKE FLUID

Product/Part Number

BF02000170	12 x 1	BF02000100	24 x 500
BF02000030	24 X 250		

Technical Specifications

Tests	Method	Results
Appearance	Visual	Transparent
Equilibrium reflux boiling point (ERBP) °C,	FMVSS 116	275
Wet equilibrium reflux boiling point (WERBP), °C	FMVSS 116	>180
Kinematic Viscosity@ 100°C, cSt	ASTM D-445	2.4
Kinematic Viscosity@ -40°C, cSt	ASTM D-445	750
pH	FMVSS 116	7.0-10.0
Specific Gravity 60 °F	ASTM D-1298	1.04-1.09
Flash Point, °C	ASTM D-92	150

HEALTH AND SAFETY

This product is not expected to have adverse health implications when used for its intended application. For detailed information on safe handling of this product, refer to its Material Safety Data Sheet (MSDS). To obtain an MSDS on this or any other BENZOL products, please visit www.benzollubricants.de

