

TECHNICAL DATA SHEET FOR BRAKE FLUID DOT- 5 (Silicone-based)

DESCRIPTION AND APPLICATION

Hydraulic Brake Fluid DOT 5 is an ultra-high-performance silicone-based brake and clutch fluid suitable for use in brake (drum and disc) and clutch applications to protect critical brake componentry and provide reliable stopping power in premium cars, trucks, buses, and motorcycles. This product should not be used in hydraulic/brake systems where DOT 3, 4 & 5.1 Glycol-based fluids are specified.

FEATURES AND BENEFITS

Brake Fluid DOT 5 meets the US specification F.M.V.S.S. No.116 DOT 5, ISO 4925 class 5 type brake fluid standards. Its superior viscosity behavior over a wide temperature range always ensures good braking performance. It is inert and compatible to both natural and synthetic rubber used in brake systems (hoses, caps, and seals). Brake Fluid DOT 5 provides outstanding corrosion protection to all metal components in the braking system.

SPECIFICATION AND APPROVAL

F.M.V.S.S. No.116 DOT 5

ISO 4925 Class 5

HEALTH, SAFETY AND ENVIRONMENTAL INFORMATION

Health, safety, and environmental information are provided on the Material Safety Data Sheet for this product. Users should consult the MSDS, follow the precautions outlined and comply with all laws and regulations concerning its use and disposal.

TYPICAL CHARACTERISTICS

TEST	TEST METHOD	RESULT
Appearance	-	clear and free for sediments and suspended material
Dry Boiling Point (ERBP), °C	FMVSS 116 (7.1)	Min. 260
Wet Boiling Point (WERBP), °C	FMVSS 116 (7.2)	Min. 180
Kinematic Viscosity @ -40°C, mm ² /s	FMVSS 116 (7.3)	Max. 900
pH Value	FMVSS 116 (7.4)	7.0 – 11.0
Color	FMVSS 116 (5.1.14)	Water-white

Typical characteristics are only a guide to industry and are not necessarily manufacturing or marketing specifications, and do not constitute any legal liability. Information is correct at time of printing.

Product Bulletin

BRAKE FLUID DOT- 5

Issued: March 2023

Page 1 of 1