# TECHNICAL DATA SHEET FOR BRAKE FLUID DOT- 3

## DESCRIPTION AND APPLICATION

Hydraulic Brake Fluid DOT 3 is a high-performance brake fluid suitable for use in brake (drum and disc) and clutch applications in premium cars, trucks, buses, and motorcycles. This product should not be used in hydraulic/brake systems where DOT 4, DOT 5 silicone-based fluids are specified.

## FEATURES AND BENEFITS

Brake Fluid DOT 3 meets the US specification F.M.V.S.S. No.116 DOT 3, ISO 4925 class 3, SAE J1703 and AS 1960.1 Grade 1 Polyglycol type brake fluid standards. Its superior viscosity behavior over a wide temperature range always ensuring 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 3 provides outstanding corrosion protection to all metal components in the braking system.

## SPECIFICATION AND APPROVAL

F.M.V.S.S. No.116 DOT 3

ISO 4925 Class 3

SAE J1703

## 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 |
| Density @ 20°C, g/cm$^3$ | ASTM D1122 | 1.03 – 1.06 |
| Boiling Point (ERBP), °C | FMVSS 116 (7.1) | Min. 205 |
| Wet Boiling Point (WERBP), °C | FMVSS 116 (7.2) | Min. 140 |
| Kinematic Viscosity @ -40°C, mm$^2$/s | FMVSS 116 (7.3) | Max. 1500 |
| pH Value | FMVSS 116 (7.4) | 7.0 – 11.5 |
| Color | FMVSS 116 (5.1.14) | Pale Yellow |

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.



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