



# Gulf Brake Fluid DOT 3

## Hydraulic brake fluid

### Product Description

**Gulf Brake Fluid DOT 3** is a poly glycol based brake fluid designed for use in hydraulic brake system of any commercial vehicles, passenger cars and motorcycles operating under moderate service conditions and requiring a DOT 3 type of fluid. It contains oxidation and corrosion inhibitors to resist oxidation at the high temperatures encountered in the disc braking systems and to provide superior protection against corrosion of metallic components of the brake system. It exceeds the performance requirements of United States Federal Motor Vehicle Safety Standard (FMVSS) 116 DOT 3 and SAE J 1703 standards.

### Features & Benefits

- Superior oxidative stability resists oxidation at high temperatures encountered in disk braking systems
- Superior high temperature stability and low temperature fluidity ensure trouble free operation
- Effective corrosion inhibitors provide long term corrosion protection to the metallic components of the brake systems
- Provides lubricity and system protection
- Compatible with all seals and metals used in conventional braking systems requiring poly glycol brake fluids

### Applications

- Hydraulic brake system (disc and drum brakes) of any commercial vehicles, passenger cars and motorcycles requiring a brake fluid meeting FMVSS DOT 3 or SAE J 1703 standards. Follow vehicle manufacture's recommendation when adding brake fluid
- Clutch systems of any motor vehicles requiring such quality brake fluids

### Warnings

- Gulf Brake Fluid DOT 3 should never be used in place of or mixed with silicone based brake fluids (DOT 5) nor should be used where DOT 4 or DOT 5.1 fluid is required
- All brake fluids should be kept clean and dry. Dirt or water contamination can affect the performance of brake fluid and could cause brake system failure
- Brake fluids can affect the vehicle paintwork, so remove spills immediately without rubbing

### Specifications, Approvals & Typical Properties

Meets the following Specifications		
FMVSS 116 DOT 3, SAE J 1703		
Typical Properties		
Test Parameters	Test Method	Test Values
Viscosity @ -40 °C, cSt	FMVSS 116	< 1500
Viscosity @ 100 °C, cSt	FMVSS 116	> 1.5
Equilibrium Reflex boiling point (ERBP), °C	FMVSS 116	> 205
Wet ERBP, °C	FMVSS 116	> 140
pH value	FMVSS 116	7.0 to 11.5
Density @ 15°C, Kg/l	D 1298	1.06

Properties mentioned are typical only and minor variations, which do not affect product performance, are expected to arise in normal manufacturing processes. Please follow equipment manufacturer's recommendations for performance level and viscosity grade. The Safety Data Sheet for this product is available from your nearest Gulf Distributor. Please consult our local representative if any further information is required.

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