



# Gulf Racing Brake Fluid

*Supreme performance hydraulic brake fluid for racing applications*

## Product Description

**Gulf Racing Brake Fluid** is supreme performance poly glycol based brake fluid specially developed for racing applications where braking system is subjected to extreme conditions. It has been formulated to maximize braking performance under arduous conditions and is particularly suitable for vehicles with Anti-locking Brake Systems (ABS) and for motorcycles fitted with disk brakes and used for racing applications. It contains oxidation and corrosion inhibitors to resist oxidation at the high temperatures and to provide superior protection against corrosion of metallic components of the brake system. It also possesses very high dry and wet boiling points to ensure outstanding reliability and safety of the braking system. It exceeds the performance requirements of US Federal Motor Vehicle Safety Standard (FMVSS) 116 DOT 5.1.

## Features & Benefits

- Extremely high boiling point reduces impact of moisture absorption, delays onset of vapour lock and improves reliability and safety of braking system under extreme driving conditions
- Excellent low temperature viscosity allows easier circulation in micro-valves of ABS
- 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

- Severe duty application including motor racing and rally events where a DOT 5.1 type of fluid is required
- Hydraulic brake fluid systems in cars, motorcycles and commercial vehicles where DOT 5.1 type of brake fluid is specified
- For improved braking performance, it can also be used in hydraulic brake systems of vehicles requiring DOT 4 and DOT 3 quality fluids

## Warnings

- Gulf Racing Brake Fluid should never be used in place of or mixed with silicone based brake fluids
- 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 5.1, DOT 4 and DOT 3		
Typical Properties		
Test Parameters	Test Method	Test Values
Viscosity @ -40 °C, cSt	FMVSS 116	< 900
Viscosity @ 100 °C, cSt	FMVSS 116	> 1.5
Equilibrium Reflex boiling point (ERBP), °C	FMVSS 116	> 260
Wet ERBP, °C	FMVSS 116	> 180
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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