



Gulf Super Brake Fluid DOT 4

High performance hydraulic brake fluid

Product Description

Gulf Super Brake Fluid DOT 4 is high performance poly glycol based brake fluid specially designed for use in disc, drum & Anti-locking Brake Systems (ABS) of any commercial vehicles, passenger cars and motorcycles operating under moderate to severe conditions and requiring a DOT 4 type of fluid. This product owing to its higher boiling point reduces the impact of moisture absorption and provides reliable braking performance. 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 4.

Features & Benefits

- High boiling point reduces the impact of moisture absorption while in service and provides reliable braking performance
- 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 fluid systems in cars, motorcycles and commercial vehicles where DOT 4 type of brake fluid is specified
- Disc and drum brakes including modern vehicles fitted with ABS requiring DOT 4 quality fluids
- For improved braking performance, it can also be used in hydraulic brake systems of vehicles requiring DOT 3 or SAE J 1703 quality fluids
- Hydraulic clutch systems requiring fluids of this quality

Warnings

- Gulf Super Brake Fluid DOT 4 should never be used in place of or mixed with silicone based brake fluids (DOT 5) nor should be used where 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

Properties mentioned above are typical only and minor variations, which do not affect the product performances, are to be expected in normal manufacturing. The above information is based on past history of the grade only and must not be construed as a guarantee of performance. Follow equipment manufacturer's recommendations for performance level and viscosity grade. The Material Safety Data Sheet for this product is available from your nearest Gulf Distributor.

Gulf Oil International

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Specifications, Approvals & Typical Properties

| Meets the following Specifications | | |
|---|-------------|-------------|
| FMVSS 116 DOT 4 | | |
| Typical Properties | | |
| Test Parameters | Test Method | Test Values |
| Viscosity @ -40 °C, cSt | FMVSS 116 | < 1800 |
| Viscosity @ 100 °C, cSt | FMVSS 116 | > 1.5 |
| Equilibrium Reflex boiling point (ERBP), °C | FMVSS 116 | > 230 |
| Wet ERBP, °C | FMVSS 116 | > 155 |
| pH value | FMVSS 116 | 7.0 to 11.5 |
| Density @ 15°C, Kg/l | D 1298 | 1.06 |

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