



# Better engine oils

Power to protect. Power to perform.



## TOP BRAKE & CLUTCH FLUID DOT 4

### PRODUCT CODE:

**TOP BRAKE & CLUTCH 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.

### 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.
- 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.
- Top 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.



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## TYPICAL ANALYSIS:

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