

Samic Brake Fluid DOT 5.1

Extra High Performance Brake Fluid



Product Data Sheet

Product Description

Samic Brake Fluid DOT 5.1 are supreme performance synthetic hydraulic brake fluid based on polyethylene glycol ether technology to provide very high level of brake and clutch performance in automotive and commercial vehicles. They are designed to meet or exceed the general requirements of most builders of automotive disc, drum and anti-skid brake and clutch systems, used in average to high performance vehicles operating under very severe conditions requiring DOT 5.1, DOT 4 or DOT 3 level performance. This product is not miscible with mineral base fluids of LHM type and fluids of DOT 5 type with silicon.

Performance & Customer Benefits

- **Extremely High boiling point** – safe and consistent brake performance under high braking pressures.
- **Minimum swell on rubber components** – reduced leakage and loss of brake fluid.
- **Excellent corrosion protection** – improved life and reliability of multi-metallurgy brake system components.

Specifications & Recommendations

Samic Brake Fluid DOT 5.1 meets or exceeds following International and Builder specifications:

- FMVSS 116 DOT 5.1
- FMVSS 116 DOT 3 & 4
- ISO 4925 Class 5.1
- SAE J-1704

Typical Physical Characteristics

Typical properties vary depending on the supplier of the fluid. Typical properties for brake fluids include: Density at 20°C, boiling point, pH value, water concentration and viscosity @ 40°C & 100°C.

Certificate of Analysis could be provided upon request.

Main Application

Samic Brake Fluid DOT4 is suitable for use in applications where disc, drum and anti-skid braking systems are used in vehicles requiring DOT 4 level performance. They can be used with following recommendations:

- ✓ Use concentrated form of Brake Fluid, drawn previously from an unopened or well sealed container.
- ✓ Always seal the container immediately after use, as the Brake Fluid absorbs moisture from the atmosphere quite rapidly, which reduces service life significantly.
- ✓ Never reuse used/drained brake fluid.
- ✓ Brake fluid can affect the vehicle paintwork, so remove spills immediately without rubbing.
- ✓ Brake fluid should be changed from the vehicle every two years or 40,000 Km (24,000 Miles).
- ✓ Check OEM Manual for further details.

The above figures are typical of blends with normal production tolerance and do not constitute a specification.

For further information, please contact: sales@Samiclubricants.com