Product Name: Brake Fluid DOT 3
Recommended Use: Hydraulic brake and clutch fluid
Applications: For hydraulic brake systems of cars, motorcycles, and light-duty vehicles requiring DOT 3 fluid.

Product Overview

Brake Fluid DOT 3 is a high-performance, glycol-ether based fluid designed for hydraulic brake and clutch systems. It provides optimal performance under both high-temperature and low-temperature conditions, ensuring reliable braking even during aggressive or prolonged braking. Compatible with all materials typically found in brake systems, including rubber seals, metals, and plastics.

Application

Designed for use in **passenger vehicles, motorcycles, light commercial vehicles**, and industrial machinery where **DOT 3** fluids are recommended by the OEM

Performance Benefits

- High dry and wet boiling points reduce risk of vapor lock
- Excellent corrosion protection for steel, aluminum, and copper components
- Long-lasting thermal and chemical stability
- Compatible with standard rubber brake system seals
- Low-temperature performance ensures quick response in cold climates

Meets and Approvals

- **FMVSS No. 116 DOT 3**
- **SAE J1703**
- **ISO 4925 Class 3**
- **JIS K2233**
- Suitable for systems requiring **DOT 3 or older DOT 2 specs**

Typical Properties

Property	Method	Typical Value
Appearance	Visual	Clear to amber fluid
Dry Boiling Point	FMVSS 116	≥ 205°C
Wet Boiling Point	FMVSS 116	≥ 140°C
Viscosity @ -40°C	ISO 3104	≤ 1500 mm²/s
Viscosity @ 100°C	ISO 3104	1.5 – 2.0 mm²/s
pH (as delivered)	ASTM D1287	7.0 – 11.5
ERBP Stability (dry)	FMVSS 116	Pass
Water Content	ASTM D1123	≤ 0.2%
Compatibility with Seals	SAE J1703	Pass
Corrosion Resistance (Tinned iron, brass, aluminum, steel)	FMVSS 116	Pass

Storage and Handling

- Store tightly closed in original containers
- Avoid contamination with water or petroleum products
- Do not reuse opened containers
- Shelf life: **3 years unopened**
- Dispose of used brake fluid in accordance with local environmental regulations