

BRAKE FLUID DOT 3

Product Description

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.

Product Features & 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

Typical Properties

Property	Method	Unit
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 mm ² /s
Viscosity @ 100°C	ISO 3104	1.5 - 2.0 mm ² /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

Application

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

Meets or Exceeds

Meets or exceeds:

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

Storage & 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

