

# Product Data Sheet

## **HIPRO BRAKE FLUID DOT 3**

Synthetic Brake Fluid & Clutch-Release Fluid

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### PRODUCT DESCRIPTION

**HIPRO Brake Fluid DOT 3** is a quality hydraulic fluid mixture of polyethylene glycol ethers and additives of minimum boiling point 235°C. It's formulated to offers good lubricity, anti-corrosion inhibitors and anti-oxidants protection to the operating system.

### APPLICATION

Meets or exceed DOT-3, FMVSS 116 and SAE 1703 and is suitable for use in both disc and drum brake systems and clutch systems where such fluids are specified.

### INSTRUCTIONS FOR USE

1. Follow vehicle manufacturers' recommendations when adding brake and clutch fluids.
2. Keep brake and clutch fluids clean and dry. Contamination with dirt, water, petroleum products or other materials may result in brake or clutch failure.
3. Store brake and clutch fluid in its original container. Keep container clean and tightly closed to prevent absorption of moisture.
4. Periodic changes of fluid in both brake and clutch systems should be carried out according to motor manufacturers' instructions. Recommended that the brake fluid be changed every 12 months.

### COMPATIBILITY

Compatible and can be mixed with other brake fluids meeting the same requirement/specifications since there is a compatibility clause in the DOT standard. However, DOT 3 should never be mixed with mineral oil based fluid.

**DO NOT WASH CYLINDER OR OTHER BRAKE PART WITH OIL, GASOLINE OR KEROSENE. AVOID SPILING BRAKE FLUID ON CAR FINISH OR BRAKE LINING.**

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**CAUTION:** Continuous contact with used oil has caused skin cancer in lab animals. Avoid prolonged skin contact. Avoid eye contact. Wash skin thoroughly with soap and water after handling. Flush eyes with water for 15 minutes in case of contact. If swallowed, do not induce vomiting. Contact a physician immediately. **KEEP OUT OF REACH OF CHILDREN.**

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## TYPICAL SPECIFICATION

Appearance	Light Yellow (Bright & Clear)
pH	7.0 – 11.5
Boiling Point	245°C
Wet Boiling Point	148°C
Viscosity (mm <sup>2</sup> s) at 40°C	1500 max
Viscosity (mm <sup>2</sup> s) at 100°C	1.5 min
Corrosion (mg/cm <sup>2</sup> )	
Tinned Iron	+0.02
Steel	+0.01
Aluminium	+0.01
Cast Iron	+0.02
Zinc	+0.03
Brass	- 0.01
Copper	+0.05
Rubber Swelling (SBR)	
Increase in diameter,mm	0.1 – 0.45
IRHD	4

\* The above specifications are typical of current production, variation in these characteristics may occur, but will not affect the product performance.

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