

PRODUCT BULLETIN

Super HD DOT 4 Brake Fluid

Product # 411

Super HD DOT 4 Brake Fluid is a higher boiling point polyglycol based hydraulic brake fluid. It is formulated to be used in disc and drum brakes, in foreign and domestic cars, trucks, and motorcycles where a DOT 4 product is specified.

Super HD DOT 4 Brake Fluid contains oxidation and corrosion inhibitors to protect the metallic components of the brake system. It has high temperature resistance and low moisture absorption providing superior boiling point and high vapour lock temperature throughout its service life

FEATURES/ BENEFITS

- Minimize leakage with excellent compatibility with elastomeric system components
- Long Service Life with resistance to oxidation and corrosion
- Good elastomer compatibility
- High temperature stability
- Low temperature fluidity
- Minimum dry boiling point > 446°F
- Minimum wet boiling point >311°F

RECOMMENDATIONS/SPECIFICATIONS

Meets or exceeds:

Federal Motor Vehicle Safety Standard (FMVSS) No. 516.116

ISO 4925

SAE J-1704

APPLICATIONS

Recommended for use in the hydraulic brake system of any motor vehicle where:

- DOT 4 Hydraulic Brake Fluid requirements are specified
- Brake Fluid Standard SAE J-1704 requirements are specified
- Federal Motor Vehicle Safety Standards No. 116 DOT 4 requirements are specified
- Australian Standard AS 1960.1
- ISO 4925 Class 4
- HN 1796

Compatible with DOT 3 Brake Fluid, but is **NOT** miscible with mineral based (LHM) or silicone based fluids and should not be used where these fluids are specified.

TYPICAL CHARACTERISTICS

Super HD DOT 4 Brake Fluid

| Properties | Data |
|-------------------------|--------|
| Dry Boiling Point | >446°C |
| Wet Boiling Point | >311°C |
| pH Range | 9-11 |
| Viscosity @ -40°C, cSt | 1400 |
| Viscosity @ 100 °C, cSt | 1.5 |
| Specific Gravity | 1.05 |
| Color | Amber |
| Appearance | Clear |
| Corrosion | Pass |
| Rubber Swell | Pass |
| Evaporation/Weight Loss | 45% |

SPECIAL HANDLING, NOTICES OR WARNINGS

Before using the product, the vehicle's maintenance guide should be checked. Oil changes should be carried out in accordance with the manufacturer's recommendations. Clean and Flush the system prior to refilling. Reseal Container immediately after use to avoid contamination and absorption of moisture. **IMPORTANT: DO NOT** allow contact with paintwork. The product should not be stored at temperatures over 60°C. It should be kept away from sunlight, intense cold and extreme temperature fluctuations. If possible, the packaging should not be exposed to the elements. Otherwise, the drums should be laid horizontally in order to avoid any contamination from water and to prevent the product's label from rubbing off.

HEALTH / SAFETY

Based on the toxicological information available, this product should not cause any adverse health effects, provided it is used for its intended purpose and in accordance with the recommendations laid out in the Safety Data Sheet. This product should not be used for any purposes other than the ones for which it is intended. When disposing of the product after use, please protect the environment and comply with local regulations.