



PRODUCT DATA SHEET

BRAKE FLUID DOT 5

PRODUCT DESCRIPTION

Brake Fluid Dot 5 is a premium quality silicone based brake fluid for use in all drum or disc hydraulic brake and clutch systems, except systems using LHM fluids. In comparison to DOT 3 & DOT 4 brake fluids, DOT 5 is not hygroscopic, provides higher thermal stability and higher dry and wet boiling points. **Brake Fluid Dot 5** is specially formulated with rust and chloride corrosion inhibitors and has a dry boiling point greater 260°C and a wet boiling point greater than 180°C.

BENEFITS

- Meets FMVSS 116 DOT 5, & SAE J 1705 standards.
- Exceeds all standard DOT 5 specifications.
- Higher boiling point to eliminate brake fade for superior performance.
- Does not absorb water from the atmosphere, thereby not lowering the boiling point resulting in a longer service life.
- Non-corrosive and non-toxic properties.
- Flows smoothly in hot or cold conditions and lubricates moving parts to prolong service life.

COMPATIBILITIES

- With all seal materials normally used in brake systems (i.e. SBR, EP, Neoprene etc).
- Not harmful to paintwork and other materials.
- **DO NOT** mix **Brake Fluid DOT 5** with DOT 3, DOT 4 and DOT 5.1 brake fluids.

APPLICATIONS

- Wherever DOT 5 fluid is specified.
- Superior brake performance in racing applications.

METHOD OF APPLICATION

Always consult your vehicle owner's manual for the manufacturer's recommendations. Keep brake fluid clean and dry. Contamination with dirt, water, petroleum products or other materials may result in brake failure or costly repairs. Store brake fluid only in its original container. Keep container clean and tightly closed to prevent contamination. For best results, drain and replace the brake fluid once a year. Flush and refill system with fresh Silicone DOT 5 Brake Fluid. Bleed the hydraulic system as recommended by the manufacturer. Check and replace damaged seals and dust protectors if needed.

TYPICAL PROPERTIES

Property	Specification	Typical Results
Appearance of liquid	Purple liquid	Purple liquid
Density @ 20 °C, (g/cm ³)	0.945 – 0.965	0.955
Boiling Point (ERBP), (°C)	260 Min	>300
Wet Boiling Point, (°C)	180 Min	>220
Viscosity @ -40 °C, (cSt)	900 Max	150
@ 100 °C, (cSt)	1.5 Min	13.9
Fluid Stability - High Temperature, (°C)	± 3 Max	0.0





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Available in: Bulk, 20 Litres, 4 Litres and 500 mL

“Hi-Tec Oil Traders Pty Ltd (Hi-Tec Oils) has endeavoured to ensure that all information, representations and specifications contained in this product data sheet are accurate at the time of publication. This general information should be used in conjunction with appropriate inquiries by users of the product including consultation with the vehicle or equipment manufacturers published information.

It is the responsibility of users of the product to use the product safely. Users should consult the safety data sheets for each product at www.hi-tecoils.com.au. Hi-Tec Oils takes no responsibility for injury or damage if the product is used in an inappropriate or unsafe manner.

Our product warranty and product quality statement can be viewed at www.hi-tecoils.com.au”

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