

HYDRATEC DOT 4 BF

Product Code: MAI001 | **Revision:** 20240819



Synthetic brake & clutch fluid.

Available Pack Sizes



Applications

DOT 4 BF is designed for use in all brake systems particularly those which are exposed to extreme conditions. This product has been formulated from mixed polyalkylene glycol ethers and borate esters together with other high-performance additives and inhibitors which give ultimate system protection against the effects of corrosion and high temperature vapour lock. DOT 4 BF is a high-quality brake fluid meeting all the requirements for use in European, US, Japanese and other cars, commercial vehicles and motorcycles for which a non-petroleum based fluid is specified.

Recommended by Aztec Oils as suitable for the following applications

FMVSS 116 DOT 4

ISO 4925 Class 4

JIS K2233

SAE J1703

SAE J1704

DOT 4 can be used in place of DOT 4 LV but EPS effectiveness may be reduced in cold climates.

DOT 4 BF should not be used in systems designed for mineral oil based fluids such as LHM (green) fluids or where a Silicone DOT 5 fluid is required.

Benefits

- Compatible with other DOT 3 and DOT 4 type brake fluids.
- High boiling point for consistent brake performance under arduous braking pressure.
- Higher performance over DOT 3 fluids against water absorption, improving resistance to vapour lock.
- Suitable for use with disc, drum & ABS braking systems.
- Suitable for use in clutch systems.
- Minimal rubber-component (seal) swell.

Typical Test Data

Appearance	Clear & bright, yellow fluid
Density @ 15°C (kg/m ³)	1.06
Dry Equilibrium Reflex Boiling Point (°C)	>230
Kinematic Viscosity @ -40°C (mm ² /s)	1207
Kinematic Viscosity @ 100°C (mm ² /s)	1.95
pH	8.6
Water Content (%)	<0.20
Wet Equilibrium Reflux Boiling Point (°C)	>155

The typical test data provided is taken from average values, there will be some variability in production.

Health, Safety & Recommendations

In line with our policy of continued improvement, Aztec Oils reserve the right to change specifications and availability without prior notice. This product, used according to our recommendations and for its designed application, does not represent any particular risk. The information present in this technical data sheet is indicative of the product and is given in good faith, but should not form part of any specification.

Health, Safety & Recommendations

- A Safety Data Sheet is available for consultation at www.aztecoils.co.uk.
- Before using the product, it is advised to consult the vehicle handbook for the correct fluid type.
- Care should be taken not to spill this product on paintwork as damage will occur.
- Conventional brake fluids are hygroscopic (absorb moisture) and deteriorate, it is strongly recommended that DOT 4 BF should be changed in accordance with the vehicle manufacturers' guidelines or changed every 2 years.
- Packaging should not be left exposed to elements, opened containers will have a drastically reduced service life.
- This product should not be stored at temperatures over 60°C, kept out of direct sunlight, protected from frost and fluctuations in temperature.
- Never re-use drained brake fluid. When disposing of the product after use, please protect the environment and comply with local regulations.

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