



## Castrol Brake Fluid DOT 4

Synthetic glycols and borate ester

### Description

Castrol Brake Fluid DOT 4 is a synthetic brake fluid comprising of glycols and borate esters to achieve a higher boiling point and wet boiling point.

### Application

Castrol Brake Fluid DOT 4 is designed for use in all brake systems particularly those which are exposed to extreme conditions

As with all brake fluids which contain glycol ethers, care should be taken to avoid spilling this product on paintwork as it may have a damaging effect. In case of spillage, rinse the affected area with water immediately. Do not wipe.

All conventional brake fluids deteriorate during use. It is strongly recommended that Castrol Brake Fluid DOT 4 should be changed according to the vehicle manufacturer's advice. In the absence of such advice, a 2 year change period is recommended.

### Advantages

This product has been formulated from mixed polyalkylene glycol ethers and borate esters together with high performance additives and inhibitors which give ultimate system protection:

- Against the effects of corrosion
- High boiling point temperature to reduce vapour lock.
- The formulation has been developed such that the vapour lock point can be sustained at a higher level than conventional glycol ether based fluids during the service life of the product.
- Meets the requirements of the SAE J1703, SAE J1704, FMVSS 116 DOT 4, ISO 4925 and JIS K 2233 specifications.
- Castrol Brake Fluid DOT 4 is fully compatible with other fluids meeting FMVSS 116 DOT 3 and DOT 4 however, in order to maintain the superior performance characteristics of Castrol Brake Fluid DOT 4, avoid mixing with other brake fluids products.

## Typical Characteristics

Name	Method	Units	Castrol Brake Fluid DOT4
Appearance	Visual	-	Clear and bright yellow liquid
Density @ 20C	IP 160	g/ml	1.07
ERBP (Equilibrium Reflux Boiling Point)	ASTM D1120	°C	260
Viscosity, Kinematic -40C	IP 71	mm <sup>2</sup> /s	1200
Wet Equilibrium Reflux Boiling Point	SAE J1703	°C	165
pH	SAE J1703	pH	8.0
Water content	ASTM D1123	%	0.15

## Product Performance Claims

JIS K2233  
SAE J1703  
SAE J1704  
ISO 4925 Class 4  
FMVSS DOT 4

## Storage

All packages should be stored under cover. Where outside storage is unavoidable drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

Castrol Brake Fluid DOT 4  
26 Nov 2018

Castrol, the Castrol logo and related marks are trademarks of Castrol Limited, used under licence.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be referred to for appropriate information regarding storage, safe handling, and disposal of the product. Castrol India Limited shall not be responsible or liable for any damage or injury resulting from abnormal use of the product, from any failure to adhere to recommendations, from any failure to adhere to information regarding storage, safe handling, and disposal of the product or from hazards inherent in the nature of the product. All products, services and information supplied are provided under our standard conditions of sale. You should consult our local representative if you require any further information.

Castrol India Ltd, Technopolis Knowledge Park, PO Box. 19411, 1st Floor, Mahakali Caves Road, Mumbai - 400093, India  
Technical Advice Line: Customer Service - 1800 209 8100 (Tata Indicom), Phone: 022-6783 9800  
Customer Service: [www.castrol.co.in](http://www.castrol.co.in) Email: [customercare.india@castrol.com](mailto:customercare.india@castrol.com)