



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, JIS K 2233 and AS 1960.1 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 DOT 4
Appearance	Visual	-	Amber liquid
Density @ 20C	ASTM D4052	g/ml	1.065
pH @ 20°C	DIN 51369	-	8.4
Reserve Alkalinity	ASTM D1121	ml 0.1N HCl	55
ERBP (Equilibrium Reflux Boiling Point)	ASTM D1120	°C	269
Wet Equilibrium Reflux Boiling Point	SAE J1703	°C	162

Product Performance Claims

FMVSS 116 DOT 4
ISO 4925 Class 4
JIS K 2233 Class 4
SAE J1703
SAE J1704
AS 1960.1-2005 Grade 2

Brake Fluid DOT 4
21 Mar 2023
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, to the extent that it is permissible by law to exclude warranties and representations, 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 consulted for appropriate information regarding storage, safe handling, and disposal of the product. Refer to the MSDS, available from our website for further information. No responsibility is taken by either Castrol Australia, BP plc or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. 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 Australia Pty Limited - ABN 87 008 459 407 – 132 McCredie Road, Guildford NSW 2161, Australia
Technical Advice Line 1300 557 998 Customer Service 1300 554 890
www.castrol.com.au www.msds.castrol.com.au