



Castrol Brake Fluid DOT 4

DOT 4 Brake fluid

Description

Castrol Brake Fluid DOT 4 is a high boiling synthetic brake fluid which far exceeds the requirements of the SAE J1703, SAE J1704, FMVSS 116 DOT 4, ISO 4925 and JIS K2233 specifications.

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

Application

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.

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.

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 fluid products.

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

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.

Conditions of Use

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 the obliteration of drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

Castrol Brake Fluid DOT 4 should not be used in braking systems for which a mineral oil based fluid is recommended (for example some Citroen systems for which Castrol LHM+ is suitable and Rolls Royce vehicles for which Castrol CHSMO Plus is approved).

Typical Characteristics

Name	Method	Units	Castrol Brake Fluid DOT4
Appearance	Visual	-	Clear
Density @ 20C	IP 160	g/ml	1.0491
ERBP (Equilibrium Reflux Boiling Point)	ASTM D1120	°C	264 min
Viscosity, Kinematic -40C	IP 71	mm ² /s	typically 1200
Wet Equilibrium Reflux Boiling Point	SAE J1703	°C	155 min
pH	SAE J1703	pH	8.14
Viscosity, Kinematic 100C	ASTM D445	mm ² /s	2.11

Product Performance Claims

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

Castrol Brake Fluid DOT 4
22 Sep 2011
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 consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either 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.

10 Junction Avenue , Parktown , Johannesburg , 2193, South Africa
+27 11 488 5111, 0860 222 166 (SA), 0800 111 551 (SA)
www.castrol.co.za