Product Data Sheet

Castrol Brake Fluid DOT 4

DOT 4 Brake fluid

Description

Castrol Brake Fluid DOT4 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 K 2233 specifications.
Castrol Brake Fluid DOT4 is designed for use in all 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 DOT4 is fully compatible with other fluids meeting FMVSS 116 DOT3 and DOT4 however , in order to maintain the superior performance characteristics of Castrol Brake Fluid DOT4 , avoid mixing with other brake fluids products.
All conventional brake fluids deteriorate during use. It is strongly recommended that Castrol Brake Fluid DOT4 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

Castrol Brake Fluid DOT4 should not be used in braking systems for which a mineral oil based fluid is recommended (for example some Citreon systems for which Castrol LHM plus is suitable and Rolls Royce vehicles for which Castrol CHSMO Plus is approved.
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.

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	250 min
Viscosity, Kinematic -40C	IP 71	mm²/s	typically 1200
Wet Equilibrium Reflux Boiling Point	SAE J1703	°C	155 min
pH	SAE J1703	pH	7.3
Viscosity, Kinematic 100C	ASTM D445	mm²/s	2.3

Product Performance Claims

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

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