



Product Data Sheet

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, JIS K 2233.
- 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
Density @ 20C	DIN 51757	g/ml	1.085 max.
Viscosity, Kinematic -40C	ASTM D7042	mm ² /s	1400 max.
Wet Equilibrium Reflux Boiling Point	SAE J1703	°C	165 min.
pH	SAE J1703	pH	7.0-11.5
Water content - Karl Fischer	DIN 51777	%	0.2 max
Transparency	Supplier	-	clear
ERBP (Equilibrium Reflux Boiling Point)	SAE J1703	°C	250 min.
Appearance	Visual	-	Amber coloured fluid

Product Performance Claims

JIS K 2233 Class 4
SAE J1703
SAE J1704
ISO 4925 Class 4
FMVSS 116 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.

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