



Brake Fluid DOT 3

Increased safety margin

Description

Castrol Brake Fluid DOT 3 is a high boiling synthetic brake fluid which exceeds the requirements of the SAE J1703, FMVSS 116 DOT 3, ISO 4925 and JIS K2233 specifications. These are regarded by Castrol as minimum safety standards and have been used as the basis for development of this product, providing superior performance combined with a greater safety margin.

Castrol Brake Fluid DOT 3 is formulated from mixed polyalkylene glycol ethers together with lubricity additives and corrosion inhibitors. The high level of protection against wear and corrosion will prolong the service life of brake system components. The product is also suitable for use in hydraulic clutch systems.

Application

Castrol Brake Fluid DOT 3 is designed for use in the hydraulic brake and clutch systems of passenger cars and commercial vehicles with the exception of those systems where a mineral oil based fluid is recommended. Suitable for disc or drum brake systems.

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

Conditions of Use

All conventional brake fluids deteriorate during use. It is strongly recommended that Castrol Brake Fluid DOT 3 should be changed according to the vehicle manufacturer's advice. In the absence of such advice, a 1 year change period is recommended.

Advantages

This product has been formulated from mixed polyalkylene glycol ethers together with lubricity additives and corrosion inhibitors.

- Excellent protection against corrosion and wear
- Exceeds performance requirements of SAE J1703, FMVSS 116 DOT 3, ISO 4925 (Class 3) and JIS K2233 specifications
- Fully compatible with other brake fluids meeting FMVSS 116 DOT 3 and DOT 4. In order to maintain the superior performance characteristics of Castrol Brake Fluid DOT 3, avoid mixing with non Castrol brake fluid products.

Typical Characteristics

Name	Method	Units	Castrol Brake Fluid DOT3
Appearance	Visual	-	Clear and bright, light amber liquid
pH	FMVSS 116	-	9.7
Viscosity, Kinematic -40C	SAE J1704	mm ² /s	1164
Viscosity, Kinematic 100C	ASTM D445	mm ² /s	2.0
ERBP (Equilibrium Reflux Boiling Point)	SAE J1703	°C	268
Density @ 20C	ASTM D4052	g/ml	1.065
Wet Equilibrium Reflux Boiling Point	SAE J1703	°C	149

Product Performance Claims

FMVSS 116 DOT 3
ISO 4925 Class 3
JIS K2233
SAE J1703

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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