



## Castrol Brake Fluid DOT 4

Synthetic polyalkene glycols and borated ester

### Description

Castrol Brake Fluid DOT 4 is a high boiling point synthetic brake fluid which exceeds the requirements of the SAE J1703, SAE J1704, FMVSS 116 DOT 4, ISO 4925 and JIS K 2233 specifications.

### Application

Castrol Brake Fluid DOT 4 is designed for use in all hydraulic brake systems particularly those which are exposed to severe conditions. Suitable for cars, motorcycles and light commercial vehicles requiring either DOT 3 or DOT 4 performance products (excluding those systems where a mineral oil based fluid is specified).

Castrol Brake Fluid DOT 4 may be used with either disc or drum brakes, including in vehicles fitted with anti-lock braking systems (ABS).

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 interval is recommended.

### Advantages

This product has been formulated from mixed polyalkylene glycol ethers and borate esters together with high performance additives and inhibitors.

- Outstanding protection against corrosion
- High boiling point reduces the risk of vapour lock
- Sustains vapour lock protection at a higher level compared to conventional glycol ether based fluids during the service life of the product
- Exceeds performance requirements of SAE J1703, SAE J1704, FMVSS 116 DOT 4, ISO 4925 (Class 4) and JIS K 2233 specifications
- Castrol Brake Fluid DOT 4 is fully compatible with other fluids meeting FMVSS 116 DOT 3 and DOT 4, however to maintain the superior performance characteristics of Castrol Brake Fluid DOT 4, avoid mixing with other brake fluids.

## Typical Characteristics

Name	Method	Units	Castrol Brake Fluid DOT4
Appearance	Visual	-	Clear and bright amber liquid
Density @ 20C	IP 160	g/ml	1.07
ERBP (Equilibrium Reflux Boiling Point)	ASTM D1120	°C	269
Viscosity, Kinematic -40C	IP 71	mm <sup>2</sup> /s	663
Wet Equilibrium Reflux Boiling Point	SAE J1703	°C	162
pH	SAE J1703	pH	8.4
Water content	ASTM D1123	%	0.15

## Product Performance Claims

JIS K2233  
SAE J1703  
SAE J1704  
ISO 4925 Class 4  
FMVSS 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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