



## Product Data

# Brake Fluid DOT 4

DOT 4 Brake fluid.

### Description

BP 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 K 2233 specifications.

BP Brake Fluid DOT4 is designed for use in all brake systems requiring synthetic brake fluid and 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.

BP 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 this product, avoid mixing with other brake fluids products.

All conventional brake fluids deteriorate during use. It is strongly recommended that BP 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

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

## Typical Characteristics

Name	Method	Units	BP Brake Fluid DOT4
Appearance	Visual	-	Clear&bright yellow liquid
Density @ 20C	IP 160	g/ml	1.07
ERBP (Equilibrium Reflux Boiling Point)	ASTM D1120	°C	260
Viscosity, Kinematic -40C	IP 71	mm <sup>2</sup> /s	1200
Water	ASTM D1123	% wt	0.2
Wet Equilibrium Reflux Boiling Point	SAE J1703	°C	155
pH	SAE J1703	pH	7.3
Viscosity, Kinematic 100C	ASTM D445	mm <sup>2</sup> /s	2.3

## Product Performance Claims

ISO 4925 Class 4  
SAE J1704  
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 the obliteration of drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

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