



Product Data

Castrol Super Brake Fluid DOT 4

Super Brake Fluid DOT 4

Description

Castrol Super Brake Fluid DOT 4 is a high boiling synthetic brake fluid which exceeds the requirements of the SAE J1704, FMVSS 116 DOT 3 and DOT 4 and ISO 4925 specifications. This product has been formulated from mixed polyalkylene glycol ethers and borate ester together with other high performance additives and inhibitors which give ultimate system protection against the effects of corrosion and high temperature vapour lock.

Application

Castrol Super Brake Fluid DOT 4 is designed for use in all brake systems. Particularly those which are exposed to extreme conditions, such as high performance vehicles, race conditions and continuous braking.

To maintain the superior performance characteristics of Castrol Super Brake Fluid DOT 4 avoid mixing with other brake fluid products.

It is strongly recommended that Castrol Super 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

Castrol Super Brake Fluid DOT 4 has been specifically designed to be a high temperature alternative to DOT 5.1 fluids. Its superior characteristics give added benefit in situations where:

- Extreme conditions are encountered and ultimate braking response required.
- High vapour lock point is required; the vapour lock point can be sustained at a higher level than conventional glycol ether based fluids during the service life of the product.
- Continuous start stop braking under city driving conditions are common
- Fast driving and hilly terrain where higher brake temperatures can be generated.
- Fully compatible with other fluids meeting FMVSS 116 DOT 3, DOT 4 and DOT 5.1

Typical Characteristics

Name	Method	Units	Super Brake Fluid DOT 4
Appearance	Visual	-	Clear & Bright, yellow liquid
Viscosity, Kinematic -40C	IP 71	mm ² /s	1350
Density @ 20C	IP 160	g/ml	1.077
ERBP (Equilibrium Reflux Boiling Point)	ASTM D1120	°C	264
Wet Equilibrium Reflux Boiling Point	SAE J1703	°C	185
Water	ASTM D1123	% w t	0.2
pH	SAE J1703	pH	8.00

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. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

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