Product Data

Castrol React SRF Racing

Racing Brake Fluid

Description

Castrol React SRF Racing is a high performance brake fluid of special value in competitive motor sport where extreme braking conditions are encountered. It is an exclusive Castrol product registered under patents in many countries. Castrol React SRF Racing meets US Federal Standards FMVSS 116 DOT 3 and DOT 4, ISO 4925 Class 4, JASO JIS K2233 Class 4 and current SAE J1703 specifications.

Application

Castrol React SRF Racing has an exceptionally high dry boiling point, typically 325°C, making it ideal for use under arduous braking conditions such as racing or rallying.

Castrol React SRF Racing has a very high vapour lock point (the more important measure of high temperature performance under actual braking conditions), and has the additional advantage of sustaining high vapour lock point characteristics during its service life.

In order to achieve the optimum benefits in such applications, advanced materials have been employed in a unique and patented Castrol formulation. The properties of this formulation are such that in order to derive maximum benefit the use of Castrol React SRF Racing should be restricted to not more than eighteen months before draining and refilling.

Advantages

Castrol React SRF Racing is suitable for all disc and drum brake systems with the exception of those for which mineral oil is prescribed. It is miscible with all conventional fluids meeting US Federal Standards FMVSS 116 DOT 3 and DOT 4, ISO 4925 and current SAE J1703. However, mixing with conventional brake fluids will merely reduce the higher quality of Castrol React SRF Racing and therefore recommended that conventional brake fluids be drained from the system before flushing and re refilling.

It is recommended that this fluid is changed every 18 months to maintain it's exceptionally high vapour lock performance.

Typical Characteristics

Name	Method	Units	Castrol React SRF Racing
Density @ 20C, Relative	IP 160	g/ml	1.066
Appearance	Visual	-	Yellow, Clear & Bright
ERBP (Equilibrium Reflux Boiling Point)	ASTM D1120	°C	320
Wet Equilibrium Reflux Boiling Point	SAE J1703	°C	270
Water	ASTM D1123	% wt	0.15
Viscosity at -40 °C	ASTM D445	mm²/s	1300
Viscosity at 100°C	ASTM D445	mm²/s	3.5

Product Performance Claims

FMVSS 116 DOT 3
FMVSS 116 DOT 4
ISO 4925 Class 4
SAE J1703
JASO JIS K2233 Class 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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