



React DOT 4 Low Temp

Brake fluid DOT4

Description

Castrol React DOT4 Low Temp is a high performing synthetic brake fluid based on glycol ethers and borate esters. It is suitable for use in modern braking systems incorporating electronic stability control systems. Its excellent low temperature viscosity characteristics help ensure smooth and controlled brake operation particularly in extreme conditions.

Application

Castrol React DOT4 Low Temp brake fluid not only exhibits excellent high temperature performance but is also formulated to provide improved low temperature performance. It has been specially designed to have lower viscosity at low temperatures, recommended by a number of vehicle manufacturers to assist with the speed and control of their electronic stability control systems (ESP and ABS).

Hydraulic pressure generated in the brake system is used to apply the wheel brakes. Higher viscosity fluid results in slower pressure transmission and slower brake application. This new lower viscosity type fluid will therefore result in faster brake response times providing increased safety in icy conditions.

Castrol React DOT4 Low Temp brake fluid meets the new ISO 4925 Class 6 specification recommended by many vehicle manufacturers including VW, BMW and GM Europe. This fluid also meets the requirements of Ford WSS-M6C65-A2 specification.

Castrol React DOT4 Low Temp is fully compatible with other fluids meeting FMVSS 116 DOT 3, DOT 4 and DOT 5.1. However, in order to maintain the superior performance characteristics of this fluid, avoid mixing with other brake fluid products.

All conventional brake fluids deteriorate during use. It is strongly recommended that Castrol React DOT4 Low Temp should be changed according to the vehicle manufacturers advice. In the absence of such advice, a 2 year change period is recommended.

Conditions of Use

Castrol React DOT4 Low Temp brake fluid should not be used in braking systems for which a mineral oil based fluid is recommended (for example, some Citroen systems, for which Castrol LHM is suitable and Rolls Royce systems, for which Castrol HSMO Plus is approved).

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.

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

Typical Characteristics

Name	Method	Units	Castrol React DOT 4 Low Temp
Appearance	Visual	-	Clear and bright, pale yellow
Density @ 20C	ASTM D1298	g/ml	1.06
WERBP (Wet equilibrium reflux boiling point)	SAE J1703	°C	175
ERBP (Equilibrium Reflux Boiling Point)	SAE J1703	°C	265
Viscosity, Kinematic -40C	ASTM D445	mm ² /s	650
Water	ASTM D1123	% wt	0.2

Product Performance Claims

SAE J1703
SAE J1704
FMVSS 116 DOT4
ISO 4925 Class 6
JIS K2233
VW TL 766-Z

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