



Technical Data Sheet

CASTROL SUPER DOT 4 BRAKE FLUID

DESCRIPTION:

Castrol Super DOT 4 Brake Fluid is a high performance brake and clutch fluid with a minimum boiling point of 280°C, greatly exceeding SAE J1703 and United States Federal Motor Vehicle Safety Standard Nr 116 DOT 4 and ISO 4925 specifications and meeting or exceeding the US FMVSS 116 DOT 5.1 specification.

The brake fluid forms an essential component in the braking system of a car. In service, the brake fluid absorbs moisture, which causes a significant reduction in the boiling point of the brake fluid, with a consequent risk of vapour lock. Use of brake fluids meeting DOT 4 standard limits the effect of water absorption on the brake fluid boiling point.

APPLICATION:

Castrol Super DOT 4 Brake Fluid is recommended for all hydraulic brake and clutch applications using disc and drum brakes, with the exception of those for which mineral oil is prescribed.

BENEFITS:

- Completely miscible with Castrol Disc Brake Fluid.
- Compatible with other approved DOT glycol ether and borate ester brake fluid.
- Provides optimum performance in service.
- Provides greater protection against corrosion and sludge formation than specified in acceptance brake fluid specifications.
- Greater driver safety margin due to a high resistance to moisture absorption.
- Ensure boiling point in service.
- Formulated to ensure better retention of higher boiling point in service than conventional brake fluids.
- Excellent anti-corrosion additives.

SPECIFICATIONS AND APPROVALS:

Castrol Super DOT 4 Brake Fluid meets or exceeds the following:

- FMVSS 116 DOT 4
- SAE J1703 and compulsory South African specification

TYPICAL CHARACTERISTICS:

Castrol Super DOT 4 Brake Fluid	
Product Code	13165
Density at 20°C	1.080
Viscosity at -40°C mm ² /s	1372
Viscosity at 100°C mm ² /s	2.7
Dry Equilibrium Boiling Point °C	293
Wet Equilibrium Boiling Point °C	189
Flash Point (PMCC) °C	143
pH	7.5
Appearance	Clear Liquid

Last Edited: 26/09/2007

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