



## **PRODUCT INFORMATION SHEET**

### **CARLUBE DOT 4 BRAKE FLUID**

#### **DESCRIPTION**

Carlube DOT 4 Brake Fluid is a synthetic high quality, high boiling point DOT 4 fluid, designed for use in automotive applications as a hydraulic medium in disc and drum brake systems. The product is based on polyalkylene glycol ethers and ether esters which limit the effect of moisture pick-up during service thus maintaining a high boiling point and resistance to vapour lock.

#### **ADVANTAGES**

- High boiling point minimizes vapour lock at high operating temperatures
- Excellent lubricating properties reduce wear
- Good corrosion protection for metal components
- Good compatibility with seal materials give long component life
- Mixes safely with other DOT 3 and DOT 4 approved fluids

#### **APPLICATION**

Carlube DOT 4 Fluid is recommended for automotive type hydraulic brake mechanisms of cars, commercial vehicles and motorcycles where either of the performance levels below are recommended. The product can also be used where Japanese Industrial Standard (JIS) K2233 is recommended. The product is not for use in mineral oil brake and suspension systems fitted to some Rolls Royce, Citroen and Jaguar models (Refer to vehicle handbook).

#### **PERFORMANCE LEVEL**

- US FMVSS 116 DOT 4
- SAE J1703 AND ISO 4925 (BS AU174 PT2)

#### **PROPERTIES**

	<b>Carlube DOT 4 Brake Fluid (typical values)</b>	<b>Specification Limits</b>	
		<b>SAE J1703</b>	<b>FMVSS 116 DOT 4</b>
Appearance	Colourless – Amber	Colourless – Amber	Colourless – Amber
Equilibrium Boiling Point (°C)	261	205min	230min
Wet Equilibrium Boiling Point (°C)	160	140min	155min
pH	8.3	7.0 – 11.5	7.5 – 11.5
Viscosity @ -40°C (cSt)	1500	1800max	1800max
Density @ 20°C	1.065	-	-
Flash Point (°C)	122	-	-

#### **CAUTION**

Brake Fluid can damage vehicle paintwork and spillages must be washed off immediately with water.

#### **AVAILABILITY**

300ml – BFL300      500ml – BFL050      1 Litre – BFL100      4.55 Litre – BFL455  
20 Litre – BFL020

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