

## TAPPCO lubricants

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Product Technical  
Specification

# UNIVERSAL BRAKE FLUID DOT-4

## Product Description:

Brake Fluid is manufactured from specialised synthetic components under strict conditions to produce a high quality brake & clutch fluid with a very high operating temperature. Brake Fluid is specially formulated for use in the majority of automotive applications, however it is recommended that the user should always check in the vehicle handbook before use.

## Applications:

Brake Fluid is suitable as a brake and clutch fluid for cars, commercial vehicles and motorcycles.

## Benefits:

- ✔ Suitable for use in all systems where a non-mineral based fluid is recommended.
- ✔ Meets DOT 4 specification for improved heavy braking performance.
- ✔ Mixes with DOT 3 brake fluids.
- ✔ Has a boiling point in excess 240 °C (450 °F).

## Caution:

- ✔ Brake fluid can damage vehicle paintwork and it must be washed off with water immediately. It is also necessary to keep the container tightly sealed to prevent absorption of moisture.
- ✔ Contamination with dirt, water, petroleum products or other materials may result in brake failure repairs.

## Availability:

This product is available in:  
200 ml.

## Product Specification:

<b>U.S. FMVSS</b>	<b>No.116 DOT</b>
<b>DOT</b>	<b>Dot 3 Dot 4</b>
<b>SAE</b>	<b>J1703</b>
<b>ISO</b>	<b>4925</b>
<b>JISK</b>	<b>2233 Class 4</b>

## Typical Test Data:

<b>Appearance</b>	<b>Pale Yellow</b>
<b>SG @ 15.6 °C</b>	<b>1.03</b>
<b>KV @ -40 °C (cSt)</b>	<b>900—1200</b> (Max 1800)
<b>KV @ +100 °C (cSt)</b>	<b>1.7—2.3</b> (Min 1.5)
<b>KV @ -35 °C (cSt)</b>	<b>700—830</b> (Max 900)
<b>KV @ +50 °C (cSt)</b>	<b>4.5—6.3</b> (Min 3.5)
<b>Boiling Point (ERBP)<sub>r</sub>(°C)</b>	<b>&gt;245</b>
<b>Wet Boiling Point (WBP)<sub>r</sub>(°C)</b>	<b>&gt;175</b>

## Health & Safety: (Group 10)

Please refer to the relevant health and safety data sheet, a copy of which is freely available to all of our customers.

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Approved by: EXOL UK - Technical Department.