



# *Sasol Brake Fluid DOT 4*

## *BRAKE FLUID, AUTOMOTIVE, HEAVY DUTY, DOT 4, GRADE 270*

### *Description*

The Sasol Brake Fluid DOT 4 brake fluid complies with the National Compulsory Standard Specification for Hydraulic Brake Fluids.

### *Application*

- The **DOT 4** product is intended for systems where operating temperatures can rise to above 260°C but will not exceed 270°C
- The grade number allocated to this product reflects the maximum permissible operating temperature
- This grade is a heavy duty product and is equally suitable for hydraulic clutch systems where operating temperatures are generally below those in brake systems

### *Features and Benefits*

- Sasol Brake Fluid DOT 4 is not a mineral oil, but somewhat toxic hydraulic fluids, blended from glycols and selected additives. Skin and eye contact should be avoided. If swallowed obtain medical assistance. Avoid spillage onto vehicle paintwork which can be damaged if left in contact with the product.
- The fluid is fully compatible with the natural rubber seals of automotive brake systems.
- The product is hygroscopic (absorb water) and should be replaced annually, especially in coastal areas, to prevent rusting of components and possible brake failure due to water vapour in the system. Containers must be kept tightly sealed.

### *Product Specifications*

Govt. Gazette 4562, 128 (1975) & 461  
ISO 4925  
SANS 1905  
SAE J1703, J1704

U.S. Federal FMVSS No. 116 DOT 4



### Typical Characteristics

Property	Units	DOT 4	Government Gazette No. 4562 17 Jan. 1975
Dry Equilibrium Reflux Boiling Point	°C	<b>270</b>	4.1
Wet Equilibrium Reflux Boiling Point	°C	<b>170</b>	4.3
Kinematic Viscosity	mm <sup>2</sup> /s		4.4
@ 100°C		<b>2,3</b>	
@ -40°C		<b>1100</b>	
Neutrality	pH	<b>8,0</b>	4.5

### Storage and Handling

Use PVC, nitrile or other product-resistant gloves and protective clothing in cases where frequent or prolonged skin contact cannot be avoided

Where eye contact is a potential hazard, goggles or face shields should be worn

Respiratory protection is not normally required but if an inhalation risk is present wear a half-mask respirator with an approved organic vapour cartridge and particulate filter

Avoid elevated temperatures exceeding 100°C and contact with mineral oils, water and other fluids

Lined tanks should **NOT** be used for storage

Ambient temperatures and atmospheric pressures normally encountered within buildings are acceptable.

Avoid entering areas where mists or vapours have built up as a result of abnormal temperatures or pressures without the proper breathing equipment and protective clothing

### Pack Information

<u>Product Code</u>	<u>Pack Size</u>
	1x200mL
	1x500mL
	50x200mL
	20x500mL
	20 L