

**SABAC**

South African Brake Fluid and Coolants (Pty) Ltd

Product Name: Brake Fluid DOT 3
Trade Name: Brake Fluid DOT 3 - BRAKESAFE

Brake fluid DOT 3 meets and exceeds
SAE J1703 and ISO 4925
FMVSS 116, DOT 3

Technical Data: Tested in accordance with SAE J 1703

	Requirements	Typical Results
Physical form	Liquid	
Odour	Ethereal	
Colour	Light Yellow	Light Yellow
Viscosity, mm ² /s (cSt)		
at 40°C (-40°F)	1800 max.	1125
at 100°C (212°F)	1.5 min.	2.0
Boiling point, °C (ERBP)	230°C	250°C
Wet boiling point, °C (WERBP)	140°C	148.5°C
pH	7.0 - 11.5	9.0
Water content, %	0.2 max.	0.1135

Brake Fluid Stability

High temperature, °C	± 5°C (± 9°F) max.	-1.4
Boiling point change		
Chemical stability, °C	± 5°C (± 9°F) max.	-1.1
Boiling point change		

Corrosion

	Change in weight of metals, mg/cm ²	
Tinned iron	0.2 max.	-0.005
Steel	0.2 max.	-0.017
Aluminium	0.1 max.	0.008
Cast iron	0.2 max.	0.063
Brass	0.4 max.	-0.008
Copper	0.4 max.	-0.071
Pitting or etching of strips discernible without magnification	None	None
Gelling of fluid/water, mixture at 23°C ±5 (73.4°F ±9°F)	None	None
Crystalline deposit on glass jar walls or on metal strips	None	None
Sedimentation, %	0.10 max.	0.05

Corrosion (cont.)

pH of water/fluid mixture	7.0 - 11.5	9.3
<u>SBR-cups</u>	None	None
Disintegration of rubber cups as evidenced by stickiness, blisters or sloughing		
Decrease in hardness of rubber cups, IRHD	15 max.	2 IRHD
Increase in base diameter of rubber cups	1.40 max.	0.05

Handling The Brake Fluid is hygroscopic and must therefore be stored in tightly sealed containers.

Safety The sweet taste of the product may tempt children to drink large quantities. The product should therefore be kept out of the reach of children.

Note The information submitted in this publication is based on our current knowledge and experience. In view of the many factors that may affect processing and application, the data does not relieve processors of the responsibility of carrying out their own tests and experiments; neither do they imply any legal binding assurance of certain properties or of suitability for a specific purpose. It is the responsibility of those whom we supply our products to, to ensure that any proprietary rights and existing laws and legislations are observed.