



# *Sasol Electrical Insulating Oil 15*

## *INSULATING OIL, ELECTRICAL, GRADE 15*

### *Description*

Sasol Electrical Insulating Oil 15 is a naphthenic oil specially refined to have high dielectric strength and good long-term oxidation stability.

### *Application*

Sasol Electrical Insulating Oil 15 is intended for:

- transformers
- switchgear
- hydraulic thrustors
- dashpots
- oil-filled electrical equipment

### *Features and Benefits*

Sasol Electrical Insulating Oil 15 is a non-inhibited, gas-evolving, additive-free oil.

**NOTE:** The water content of Sasol Electrical Insulating Oil 15 can be reduced to below 10 ppm.

### *Product Specifications*

Australian Standard AS 1767  
BSI BS 148 Class 1  
IEC (1982) Publication 296 Class 1  
SEV (1982) 3163 Class 1



### Typical Characteristics

Property	Units	Typical	ASTM	IP
Viscosity	mm <sup>2</sup> /s		D445	71
@ 100°C		<b>2,4</b>		
@ 40°C		<b>9,3</b>		
@ -30°C		<b>1180</b>		
Viscosity Index		<b>62</b>	D2270	226
Pour Point	°C	<b>-57</b>	D97	15
Flash Point (PMCC)	°C	<b>145</b>	D92	36
Water Content *	ppm	<b>&lt;20</b>	D1533	
Density @ 20°C	kg/m <sup>3</sup>	<b>886</b>	D4052	365
Electric Strength	kV	<b>70</b>	IEC Publication 156 or 5.3 of SABS 555	
Dielectric Dissipation Factor (Tan Delta @ 90°C)	Tan loss	<b>&lt;0,001</b>	5.4 of SABS 555	
Neutralisation Value	mg KOH/g	<b>0,15</b>	IEC Publication 247 or 5.2 of SABS 555	
Oxidation Stability:			IEC Publication 74 or	
a) Neutralisation value after oxidation	mg KOH/g	<b>0,15</b>	5.5 of SABS 555	
b) Total sludge content after oxidation	Wt-%	<b>0,02</b>		

\*Product supplied in drums and bulk is vacuum dehydrated to remove water to below 10 ppm.

### Storage and Handling

Use PVC, nitrile or other oil 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. Ambient temperatures and atmospheric pressures normally encountered within buildings or roofed-over outdoor storage areas 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>
	20 L
	210 L