



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

*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