



Transformer Oil TO 20 BS X

- Transformer Oil TO 20 BS X is an Inhibited Transformer Oil meeting BS 148 Class I A: 1984 Standard Specification.

Sr. No.	Test Parameters	Unit	Test Method	Specification	
1.	Appearance		Representative sample of the oil shall be examined in transmitted light under an oil depth of 100 mm at ambient temperature	Clear free from sediment and suspended matter	
2.	Density at 20°C	kg / dm ³	BS 4714	-	0.895
3.	Kinematic Viscosity at 40 °C	Mm ² / sec	BS 2000 Part 71	-	16.5
4.	Kinematic Viscosity at - 15 °C				800
5.	Flash Point, PMCC	°C	BS 2000 Part 34	140	
6.	Pour Point	°C	BS 2000 Part 15	-	- 30
7.	Neutralization Value	mg KOH/ gm	BS 2000 Part 1	0.08	
8.	Water Content, Bulk/ Drum	ppm	BS 6470		30 / 40
9.	Breakdown Voltage		BS 5874		
	As Delivered	kV		30	
10.	Dielectric Dissipation Factor (Tan δ) at 90 °C & 40 to 62 Hz		BS 573		0.005
11.	Corrosive Sulphur Copper Strip, 140 °C, 19 Hrs		BS 5680 : 1979	Non-corrosive	
12.	Anti Oxidant Additives	%	BS 5984 : 1980	No Requirement	
13	Oxidation Stability at 120 °C, 164 Hrs		Oxidation Stability at 120 °C, 164 Hrs		
	Total Acidity	mg KOH /gm			0.25
	Sludge	%			0.01
	at 120 °C, 500 Hrs				
	Total Acidity	mg KOH /gm			1.5
	Sludge	%			1.0
14.	Gassing Tendency at 50 Hz after 120 minutes	Mm ³ / min	BS 5797 Method A		+8

Packing: 210 Liters Net New Mild Steel Drums

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