



Transformer Oil TO 20 BS

- Transformer Oil 335 is an Uninhibited Transformer Oil meeting Bureau of Indian Standards: IS 335 -1993 (Reaffirmed - 2005) 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	0.03
8.	Water Content, Bulk/ Drum	ppm	BS 6470	30 / 40
9.	Breakdown Voltage		BS 5874	
	New Unfiltered / After Filtration	kV		30
10.	Dielectric Dissipation Factor (Tan δ) at 90 °C & 40 to 60 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	Not Detectable
13.	Oxidation Stability at 100 °C, 164 Hrs		BS 148 : 1984 Appendix A	
	a) Total Acidity	mg KOH /gm		1.5
	b) Sludge	%		1.0
14.	Gassing Tendency at 50 Hz after 120 minutes	Mm ³ / min	BS 5797 Method A	+ 5

Packing: 210 Liters Net New Mild Steel Drums

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