

TOAP 20

TOAP 20 is an Uninhibited Transformer Oil meeting IEC 296 Class I: 1982 Standard Specification.

Sr No	Characteristics	Unit	Test Method	Guaranteed Data	
				Min	Max
1	Appearance		Representative sample of the oil shall be examined in transmitted light under a thickness of 10 cm at ambient temperature	Clear free from sediment and suspended matter	
2	Density at 20°C	Kg/dm ³	ISO 3675		0.895
3	Kinematic Viscosity		ISO 3104		16.5
	at	40°C			40
		20°C			800
	-15°C				
4	Flash Point, PMCC	°C	ISO 2719	140	
5	Pour Point	°C	ISO 3016		-30
6	Inter Facial Tension at 25°C	N/m	ISO 6275	0.04	
7	Neutralization Value	mg KOH/gm	7.7 of IEC 296		0.03
8	Water Content, Bulk/Drum	ppm	IEC 733		30/40
9	Breakdown Voltage		IEC 156		
	AS Delivered/After Treatment	kV		30/50	
10	Dielectric Dissipation Factor (Tan δ) 90°C & 40 to 60 Hz		IEC 247		0.005
11	Corrosive Sulphur Copper Strip, 140°C, 19Hrs		ISO 5662	Non Corrosive	
12	Anti Oxidant Additives	%	IEC666	Not Detectable	
13	Oxidation Stability at 100°C, 164 Hrs		IEC 74		
	Neutralization Value		mg KOH/gm		0.4
	Sludge		%		0.1

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