

TOAP 1020

TOAP 1020 is an Uninhibited Transformer Oil meeting IEC 296 Class I & II: 1982 Standard Specification. It also meets the ASTM D 1275 B Test requirement for Corrosive Sulphur.

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 at 40°C		mm ² /sec	ISO 3104		11
		at 20°C				25
		at -15°C				800
		at -30°C				1800
4	Flash Point, PMCC		°C	ISO 2719	140	
5	Pour Point		°C	ISO 3016		-45
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			ISO 5662 ASTM D 1275 B	Non Corrosive Non Corrosive	
	Copper Strip, 140°C, 19Hrs					
	Copper Strip, 150°C, 48Hrs					
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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