

TOAP 10

TOAP 10 is an Uninhibited Transformer Oil meeting IEC 296 ClassII:1982 Standard Specification.

It also meets the ASTM D 1275B 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		mm ² /sec	ISO 3104		11
	at	40°C				25
		-30°C				1800
4	Flash Point, PMCC		°C	ISO 2719	130	
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 AS Delivered/After Treatment		KV	IEC 156	30/50	
10	Dielectric Dissipation Factor (Tanδ) 90°C & 40 to 60 Hz			IEC 247		0.005
11	Corrosive Sulphur					
		Copper Strip, 140°C, 19Hrs		ISO 5662	Non Corrosive	
		Copper Strip, 150°C, 48Hrs		ASTM D 1275 B	Non Corrosive	
12	Anti Oxidant Additives		%	IEC666	Not Detectable	
13	Oxidation Stability at 100°C, 164 Hrs					
		Neutralization Value	mg KOH/gm	IEC 74		0.4
		Sludge	%			0.1

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