

TOAP 20 BS

TOAP 20 BS is an Uninhibited Transformer Oil meeting BS 148 Class I: 1984 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 an oil depth of 100mm 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		BS 2000 Part 71		16.5	
	at	40°C		mm ² /sec		40
		20°C				800
		-15°C				
4	Flash Point, PMCC	°C	BS 2000 Part 34	140		
5	Pour Point	°C	BS 2000 Part 15		-30	
6	Neutralization Value	mg KOH/gm	BS 2000 Part 1		0.03	
7	Water Content, Bulk/Drum	ppm	BS 6470		30/40	
8	Breakdown Voltage		BS 5874			
	AS Delivered			kV	30	
9	Dielectric Dissipation Factor (Tan δ) 90°C & 40 to 62 Hz		BS 573		0.005	
10	Corrosive Sulphur Copper Strip, 140°C, 19Hrs		BS 5680; 1979	Non Corrosive		
11	Antioxidant Additives	%	BS 5984; 1980	Non Corrosive		
12	Oxidation Stability at 120°C, 164 Hrs		BS 148; 1984 Appendix A			
	Total Acidity			mg KOH/gm		1.5
	Sludge			%		1.0
13	Gassing Tendency at 50 Hz after 120 minutes	mm ³ /min	BS 5797 Method A		+5	

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