

TOAP 20 BSX

TOAP 20 BS X is an Inhibited Transformer Oil meeting BS 148 Class I A: 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		mm ² /sec	BS 2000 Part 71		16.5
	at	40°C				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		0.08
7	Water Content, Bulk/Drum		ppm	BS 6470		30/40
8	Breakdown Voltage			BS 5874		
	AS Delivered		kV		30	
9	Dielectric Dissipation Factor (Tanδ) 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	No Requirement	
12	Oxidation Stability			BS 148; 1984 Appendix A		
	At 120°C, 164 Hrs	Total Acidity	mg KOH/gm			0.25
		Sludge	%			0.01
	At 120°C, 500Hrs	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		+8

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