

# TOAP 10 BSX

TOAP 10 BS X is an Inhibited Transformer Oil meeting BS 148 ClassII A:1984 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 an oil depth of 100 mm at ambient temperature	Clear free from sediment and suspended matter	
2	Density at 20°C		Kg/dm <sup>3</sup>	BS 4714		0.895
3	Kinematic Viscosity		mm <sup>2</sup> /sec	BS 2000 Part 71		11
	at	40°C				25
		20°C				1800
		-30°C				
4	Flash Point, PMCC		°C	BS 2000 Part 34	130	
5	Pour Point		°C	BS 2000 Part 15		-45
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 Copper Strip, 150°C, 48Hrs			BS 5680:1979 ASTM D 1275 B	Non Corrosive Non Corrosive	
11	Antioxidant Additives		%	BS 5984:1980	Not Requirement	
12	Oxidation Stability			BS 148: 1984 Appendix A		
	at 120°C, 164Hrs	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 <sup>3</sup> /min	BS 5797 Method A		+8

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