

TOAP 1020 BU

TOAP 1020 BU is an Uninhibited Transformer Oil meeting BS 148 Class I & II: 1998 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 ³	BS EN ISO 3675:1996		0.895
3	Kinematic Viscosity at 40°C	mm ² /sec	BS EN ISO 3104: 1996		11
	at 20°C				25
	at -15°C				800
	at -30°C				1800
4	Flash Point, PMCC	°C	BS EN 22719:1994	140	
5	Pour Point	°C	BS 2000 Part 15: 1995		-45
6	Neutralization Value	mg KOH/gm	BS 2000 Part 1: 1995		0.03
7	Water Content, Bulk/Drum	ppm	IEC 814: 1985		20/30
8	Breakdown Voltage	kV	BS EN 60156: 1996		
	AS Delivered			30	
9	Dielectric Dissipation Factor (Tanδ) 90°C & 40 to 62 Hz		BS 5737: 1994		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 Detectable	
12	Oxidation Stability at 120°C, 164 Hrs		BS EN 61125: 1993 Method C		
	Total Acidity	mg KOH/gm			1.2
	Sludge	%			0.8
13	Gassing Tendency at 50 Hz after 120 minutes	mm ³ /min	BS 5797: 1994 Method A		+5
14	Total PCB Content	mg/kg	BS EN 61619: 1997	Not Detectable	
15	Total Furans	mg/kg	BS EN 61198: 1994		1.0
16	Poly Cyclic Aromatics	%	BS 2000 Part 346: 1996		3.0

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