



POWEROIL TO 1020 BUX

POWEROIL TO 1020 BUX is an Inhibited Transformer Oil meeting BS 148 Class I A & II A : 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		0.08
7	Water Content , Bulk / Drum	ppm	IEC 814 : 1985		20 / 30
8	Breakdown Voltage		BS EN 60156 : 1996		
	As Delivered	kV		30	
9	Dielectric Dissipation Factor (Tan δ) at 90 ° C & 40 to 62 H:		BS 5737 : 1994		0.005
10	Corrosive Sulphur Copper Strip, 140 ° C, 19 Hrs Copper Strip, 150 ° C, 48 Hrs		BS 5680 : 1979 ASTM D 1275 B	Non Corrosive Non Corrosive	
11	Antioxidant Additives	%	BS 5984 : 1980	No Requirement	
12	Oxidation Stability at 120 ° C, 164 Hrs		BS EN 61125 : 1993 Method C		
	Total Acidity	mg KOH /gm			0.25
	Sludge	%			0.01
	at 120 ° C, 500 Hrs				
	Total Acidity	mg KOH /gm			1.5
13	Gassing Tendency at 50 Hz after 120 minutes	mm ³ / min	BS 5797: 1994 Method A		+ 8
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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