



POWEROIL TO 20 BS X

POWEROIL TO 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 100 mm 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 at 40 °C	mm ² / sec	BS 2000 Part 71		16.5
	at - 15 °C				800
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 (Tan δ) at 90 °C & 40 to 62 Hz		BS 573		0.005
10	Corrosive Sulphur Copper Strip, 140 °C, 19 Hrs		BS 5680 : 1979	Non Corrosive	
11	Antioxidant Additives	%	BS 5984 : 1980	No Requirement	
12	Oxidation Stability at 120 °C, 164 Hrs		BS 148 : 1984 Appendix A		
	Total Acidity	mg KOH /gm			0.25
	Sludge	%			0.01
	at 120 °C, 500 Hrs				
	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

(Version # 4 1st October , 2014)

Disclaimer: APAR makes no warranties, representation or conditions of any kind expressed or implied for use with respect to these products. Final determination of suitability of the products for the application contemplated by the user is solely their responsibility.