POWEROIL TO 1020 X

POWEROIL TO 1020 X is an Inhibited Transformer Oil meeting IEC 296 Class I A & II A : 1982 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 a thickness of 10 cm at ambient temperature	Clear free from sediment and suspended matter	
2	Density at 20 ^{o} C	Kg / dm ^{3}	ISO 3675		0.895
3	Kinematic Viscosity at 40 ^{o} C	Mm ^{2} / sec	ISO 3104		11
	at - 15 ^{o} C				800
	at - 30 ^{o} C				1800
4	Flash Point, PMCC	^{o} C	ISO 2719	140	
5	Pour Point	^{o} C	ISO 3016		- 45
6	Inter Facial Tension at 25 ^{o} C	N / m	ISO 6275	0.04	
7	Neutralization Value	mg KOH/ gm	7.7 of IEC 296		0.03
8	Water Content , Bulk / Drum	ppm	IEC 733		30 / 40
9	Breakdown Voltage		IEC 156		
	As Delivered / After Treatment	kV		30 / 50	
10	Dielectric Dissipation Factor (Tan δ)at 90 ^{o}C & 40 to 60 Hz		IEC 247		0.005
11	Corrosive Sulphur Copper Strip, 140 ^{o} C, 19 Hrs Copper Strip , 150 ^{o} C, 48 Hrs		 ISO 5662 ASTM D 1275 B	 Non Corrosive Non Corrosive	
12	Anti Oxidant Additives	%	IEC 666 (Limits given as guideline only)	0.15	0.40
13	Oxidation Stability at 100 ^{o} C, 164 Hrs		IEC 74		
	Induction Period	Hours	(Limits given as guideline only)	120	

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