

## VELVEX - 148 UT

Is an Uninhibited Transformer Oil meeting BS 148 Class I:1984 Standards 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 100mm at ambient temperature	Clear free from sediment and suspended matter	
2	Density at 20° C	Kg/m3	BS 4714		0.895
3	Kinematic Viscosity at 40°C	cSt	BS2000 Part 71		16.5
	Kinematic Viscosity 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		0.03
7	Water Content, Bulk/Drum	ppm	BS 6470		30/40
8	Breakdown Voltage as delivered	KV		30	
9	Dielectric Dissipation Factor (Tan delta) at 90°C & 40 to 62Hz	-	BS573		0.005
10	Corrosive Sulphur copper Strip, @140° C, 19 Hrs	-	BS 5680:1979	Non-Corrosive	
11	Antioxidant Additives	%	BS 5984:1980	Not Detectable	
12	Oxidation Stability at 120° C, 164 Hrs	Mg KOH/gm	BS 148:1984 Appendix A		
	Total Acidity				1.5
	Sludge				1.0
13	Gassing Tendency at 50 Hz after 120 Minutes	Mm3/min	BS 5797 Method A		+5