

TRANSFORMER OIL PRODUCT DATA SHEET

German Technology
Lubricants!

VELVEX - 296 UT

Is an Uninhibited Transformer Oil meeting IEC-296 Class I : 1982 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 a thickness of 10cm at ambient temperature	Clear free from sediment and suspended matter	
2	Density at 20°C	Kg/m3	ISO 3675		0.895
3	Kinematic Viscosity at 40° C	cSt	ISO 3104		16.5
	Kinematic Viscosity at 15° C				800
4	Flash Point, PMCC	°C	ISO 2719	140	
5	Pour Point	°C	ISO 3016		-30
6	Inter Facial Tension at 25°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 As Delivered/after Treatment	Kv	IEC 156	30/50	
10	Dielectric Dissipation Factor (Tan Delta) at 90° & 40 to 60 Hz	-	IEC 247		0.005
11	Corrosive Sulphur Copper Strip, at 140° C 19 Hrs	-	ISO 5662	Non-Corrosive	
12	Anti Oxidant Additives	%	IEC 666	Not detectable	
13	Oxidation Stability at 100°C, 164hrs				
	Neutralization Value	Mg of KOH/gm			0.40
	Sludge	%			0.1