

DIVYOLTRANS-30 & 40

DIVYOLTRANS-30 & 40 is an Inhibited Transformer Oil meeting IEC 296 Class I & II: 1982 Standard Specification. It also meets the ASTM D 1275 B Test requirement for Corrosive Sulphur.

Sr. No.	Characteristics	Unit	Test Method	Specification of DIVYOLTRANS-30-IC- 296-I (IEC 296 Class I)	Specification of DIVYOLTRANS-40-IC-296- II (IEC 296 Class II)
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	Clear free from sediment and suspended matter
2	Density at 20°C (Max)	kg / dm ³	ISO 3675	0.895	0.895
3	Kinematic Viscosity	mm ² / sec	ISO 3104		
	a) at 40°C (Max)			11	11
	b) at -30°C (Max)			No General	1800
	c) at -15°C (Max)			800	No General Requirement
4	Flash Point, PMCC (Min)	°C	ISO 2719	140	140
5	Inter Facial tension at 25° C (Min)	N / m	ISO 6275	0.04	0.04
6	Electric Strength Breakdown Voltage (BDV)		IEC 156		
	a) As Delivered (Min)	kV		30	30
	b) After treatment (Min)	kV		50	50
7	Dielectric Dissipation Factor (Max) tan Delta at 90° C & 40 to 62 Hz		IEC 247	0.005	0.005
8	Corrosive Sulphur Copper Strip, at 140° C, for 19 Hrs Copper Strip, at 150° C, for 48 Hrs		ISO 5662 ASTM D 1275 B	Non Corrosive No General Requirement	Non Corrosive Non Corrosive
9	Anti Oxidant Additives	%	IEC 666 (Limit given as guideline only)	0.15 Min. to 0.40 Max.	
10	Oxidation Stability at 100° C, for 164 Hrs		IEC 74		
10	Induction Period	Hours	(Limit given as guideline only)	120	
11	Pour Point (Max)	°C	ISO 3016	- 30	- 45
12	Neutralization Value (Max)	mg KOH/gm	7.7 of IEC 296	0.03	0.03
13	Water Content	ppm	IEC 733		
	a) Bulk (Max)			30	30
	b) Drum (Max)			40	40

(Revision # 01 dated 19th June, 2018)

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