

TRAFOL IEC C-I A

TRAFOL IEC C-I is a standard quality inhabited Transformer Oil meeting the IEC 296 Class I A specification.

S. No.	Characteristic	Unit	Test Method	Guaranteed Data	
				Min.	Max.
1	Appearance		Representative sample of Oil shall be examined in a 10 cm thick layer at 27°C	Clear & Free from sediments and suspended matter	
2	Density at 20°C	Kg/ dm ³	ISO 3675		0.895
3	Kinematic Viscosity at 40°C	mm ² /sec	ISO 3104		16.5
	at -15°C				800
4	Flash Point, PMCC	°C	ISO 2719	140	
5	Pour Point	°C	ISO 3016		- 30
6	Interfacial Tension at 25°C	N / m	ISO 6275	0.04	
7	Neutralisation 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°C & 40 to 60 Hz		IEC 247		0.005
11	Corrosive Sulphur Copper Strip, 140°C, 19 Hrs		ISO 5662	Non Corrosive	
12	Anti-Oxidant Additives	%	IEC 666	0.15	0.40
13	Oxidation Stability at 100°C, 164 Hrs		IEC 74		
	Induction Period	Hours	(Limit as a guideline only)	120	

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