



## ADINATH CHEMICALS AHMEDABAD, INDIA

### Transformer Oil IEC 296 Class IA

S. No.	Test Parameters	Test Method	Specification Limit	Test Results
1.	Appearance	VISUAL	Clear, Free from Sediment & Suspended Matter	Clear, Free from Sediment & Suspended Matter
2.	Density(KG/ dm <sup>3</sup> ) @20°C @29.5°C	ISO 3675	<0.895 <0.890	0.833 0.826
3.	Kinematic Viscosity @40°C mm <sup>2</sup> /sec @-15°C mm <sup>2</sup> /sec	ISO 3104	<16.5 <800.6	8.87 358.56
4.	Flash Point PMCC °C	ISO 2719	>140	156
5.	Pour Point, °C	ISO 3016	< -30	-45
6.	Inter facial Tension @25°C N/m	ISO 6275	>0.04	0.046
7.	Neutralization Value MG koh/gm	7.7 of IEC 296	<0.03	NIL
8.	Water Content (mg/Kg.) In Bulk In Drum	IEC 733	<20 <30	-- 12
9.	Break Down Voltage (KV.) As Delievered After Treatment	IEC-156	>30 >50	74
10.	Dielectric Dissipation Factor (Tan Delta) @ 90°C & 40°C to 60Hz	IEC-247	<0.005	0.0008
11.	Corrosive Sulphur	ISO 5662	Non Corrosive	Non Corrosive
12.	Oxidation Stability (Induction Period) Hrs.	IEC-296-7.11.2	>120	230
13.	Oxidation Stability 164 HRS @100°C A) Neutralization Value (MG/KOH/G) B) Sludge % by Mass	IEC - 74	< 0.40 < 0.10	0.064 0.025
14.	Anti Oxidant Additives %	IEC-666	0.15-0.40	0.16
15.	PCBs Content, %	ASTM D 4059	Non Detectable	Non Detectable

**REMARKS:** Complies to IEC – 60296 specifications.

**Shelf Life** : 24 months, if stored in a clean, cool and dry area.

**Packaging** : MS Drums