



ADINATH CHEMICALS AHMEDABAD, INDIA

Transformer Oil IEC 296 Class IIA Uninhibited Naphthenic

S. No.	Test Parameters	Test Method	Specification Limit
1.	Appearance	Visual	Clear, Free from Sediment & Suspended Matter
2.	Density(kg/ dm ³) @20°C	IEC 12185	0.895 Max.
3.	Kinematic Viscosity @40°C mm ² /sec. @-30°C mm ² /sec.	ISO 3104	12 Max. 1800 Max.
4.	Pour Point, °C	ISO 3016	-40 Max.
5.	Inter Facial Tension @ 25°C mN/m	ISO 6295	40 Min
6.	Flash Point PMCC °C	ISO 2719	135 Min
7.	Acidity mgKOH/ gm	IEC 62021-1	0.01 Max.
8.	Water Content (ppm) Drum in Bulk	IEC-60814	30 Max. 40 Max.
9.	B.D.V (KV) As Delivered After Treatment	IEC 60156	30 Min 60 Min
10.	Dissipation Factor(Tan Delta) @ 90°C & 40°C to 60Hz	IEC 60247	0.005
11.	Corrosive Sulphur A).Silver Strip 100°C, 18 Hrs B).Copper Strip 150°C, 48 Hrs	DIN 51353 ASTM D 1275 B	Non Corrosive Non Corrosive
12.	Oxidation Stability @ 120 °C, 164 Hrs A).Total Acidity mg KOH /gm B).Sludge % C).DDF @ 90°C	IEC 61125 (Method C) IEC 60247	>120 1.2 0.8 0.50
13.	Anti Oxidant Additives %	IEC 60666	Non Detectable
14.	PCBs Content, %	BS - 2000 Part 346	3 Max.
15.	PCB Content mg/kg/gm	IEC - 61619	Not Detectable
16.	2 Furfural Content mg/kg/gm	IEC 61198	0.1 Max.

REMARKS: Complies to IEC – 60296 specifications.

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

Packaging : MS Drums

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