



ADINATH CHEMICALS
AHMEDABAD, INDIA

Transformer Oil 60296 Unhibited Paraffinic

S. NO.	TEST PARAMETERS	TEST METHOD	SPECIFICATION LIMIT	
			UN-INHIBITED	INHIBITED
1.	Appearance	Visual	Clear, Free from Sediment & Suspended Matter	Clear, Free from Sediment & Suspended Matter
2.	Density(gm/dm ³) @20°C	IEC 12185	0.895 Max.	0.8310
3.	Kinematic Viscosity @40°C mm ² / sec @-30°C mm ² / sec	ISO 3104	12 max. 1800 max.	8.26 845.86
4	Inter facial Tension @25°C N/m	ISO 6295	40 min	48
5	Flash Point PMCC °C	ISO 2719	135 min	144
6	Pour Point, °C	ISO 3016	-40 max.	-45
7	Acidity mgKOH/gm	IEC 62021-1	0.01 max.	0.0002
8.	Water Content (PPM) In Bulk In Drum	IEC 60814	40 max 30 max	12
9.	Break Down Voltage (KV.) As Delievered After Treatment	IEC 60156	30 min 60 min	74
10.	Dissipation Factor(Tan Delta) @ 90°C & 40°C to 60Hz	IEC 60247	0.005	0.0006
11.	Corrosive Sulphur a) Silver Strip 100°C, 18 HRS b) Copper Strip, 150°C, 48 HRS	DIN 51353 ASTM D1275 B	Non Corrosive Non Corrosive	Non Corrosive Non Corrosive
12.	Oxidation Stability (Induction Period) Hrs.	IEC-296-7.11.2	>120	230

13.	Oxidation Stability 164 HRS @120°C A) Total Acidity (MG/KOH/GM B) Sludge % C) DDF @ 90 °C	IEC 61125 (METHOD C) IEC 60247	1.2 0.8 0.5	0.065 0.024 0.008
14.	Anti Oxidant Additives %	IEC 60666	Non Detectable	Non Detectable
15.	PCA Content, %	BS 2000 PART 346	3 max.	0.17%
16	PCB Content mg/kg/gm	IEC 61619	Non Detectable	Non Detectable
17	2 Furfural Content mg/kg/gm	IEC 61198	0.1 max	Nil

REMARKS: Complies to IEC – 60296 specifications.

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

Packaging : MS Drums