



## INHIBITED PARAFFINIC TRANSFORMER OIL

**Performance Standards:**

- As per IEC 60296 - Inhibited (Paraffinic)

**Product Specifications:**

CHARACTERISTICS	UNITS	TEST METHOD	SPECIFICATION	TEST RESULTS
<b>1-PHYSICAL PROPERTIES.</b>				
DENSITY @20°C	G/ml	ISO 3675	0.895 MAX	0.8210
DENSITY @29.5 °C	G/ml	ISO 3675	-----	0.8160
VISCOSITY @40°C	mm2/ s	ISO 3104	12 Max.	7.68
VISCOSITY@ -30°C	mm2/ s	ISO 3104	1800 MAX	398.86
WATER CONTENT - DRUM DELIVERY	mg/Kg	IEC - 60814 : 1997	40 MAX	14
DIELECTRIC DISSIPATION FACTOR (40Hz TO 62 HZ) At 90°C	Tan Delta	IEC - 60247 : 1978	0.005	0.0005
BREAKDOWN VOLTAGE -	k V	IEC - 60156 : 1995	30 MIN	74
POUR POINT	°C	ISO 3016	-40 MAX	- 47
<b>2- REFINING / STABILITY</b>				
TOTAL SULPHUR CONTENT	% Wt	ISO 14596	No General Requirement	NOT APPLICABLE
CORROSIVE SULPHUR	----	DIN 51353	NON COROSSIVE	NOT APPLICABLE
APPEARANCE	----	IEC - 60296 : 2003	Clear, free from sediment & suspended matter	Clear, free from sediment & suspended matter
ACIDITY	mg KOH /g	IEC 60201 - 1	0.01 MAX	0.0002
INTER FACIAL TENSION @25°C	mN/m	ISO 6295	No General Requirement	NOT DETECTABLE
ANTI OXIDANT ADDITIVES, %	% Wt	IEC 60666 : 1979	0.08 - 4.00	0.30
FURFURAL CONTENT	mg/Kg	IEC-61198	0.1 MAX	NIL
<b>3- PERFORMANCE</b>				
OXIDATION STABILITY, 500 HRS TOTAL ACIDITY	mg KOH /g	IEC-61125:1992 METHOD C	1.2 MAX.	0.096
SLUDGE	% by Mass		0.8 MAX.	0.040
C) DDF AT 90 °C	----	IEC- 60247	0.50 MAX.	0.020
GASSING TENDENCY AT 50 Hz AFTER 120 MIN.- HYDROGEN.	mm 3/min	IEC 60628: 1985 METHOD A	No General Requirement	NOT APPLICABLE
<b>4- HEALTH, SAFETY &amp; ENVIRONMENT</b>				
PCB CONTENT	mg/Kg	IEC-61619: 1997	NOT DETECTABLE	NOT APPLICABLE
PCA CONTENT	%	BS-2000 Part -346	3.0 % MAX	0.28
FLASH POINT PMCC	°C	ISO 2719	135 MIN	146



**HEALTH & SAFETY, ENVIRONMENT:**

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further information on Safety Guidelines please refer to MSDS available on our website [www.lubrex.net](http://www.lubrex.net)

**HEALTH & SAFETY:**

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet [www.lubrex.net](http://www.lubrex.net)

**PROTECT THE ENVIRONMENT**

Take used oil to an authorized collection point. Comply with local regulation. Do not discharge into drains, soil or water.

**STORAGE:**

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

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