



INHIBITED PARAFFINIC TRANSFORMER OIL

Performance Standards:

- As per IEC 60296 - Inhibited (Paraffinic)

Product Specifications:

CHARACTERISTICS	UNITS	TEST METHOD	SPECIFICATION	TEST RESULTS
1-PHYSICAL PROPERTIES.				
DENSITY @20°C	G/ml	ISO 3675	TBR	TBR
DENSITY @29.5 °C	G/ml	ISO 3675	-----	TBR
VISCOSITY @40°C	mm ² / s	ISO 3104	12 Max.	7.68
VISCOSITY@ -30°C	mm ² / 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 - POUR POINT	k V °C	IEC - 60156 : 1995 ISO 3016	30 MIN -40 MAX	74 - 47
2- REFINING / STABILITY				
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 62021 - 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
3- PERFORMANCE				
OXIDATION STABILITY, 500 HRS TOTAL ACIDITY SLUDGE C) DDF AT 90 °C	mg KOH /g % by Mass ----	IEC-61125 :1992 METHOD C IEC- 60247	1.2 MAX. 0.8 MAX. 0.50 MAX.	0.096 0.040 0.020
GASSING TENDENCY AT 50 Hz AFTER 120 MIN.- HYDROGEN.	mm 3/min	IEC 60628: 1985 METHOD A	No General Requirement	NOT APPLICABLE
4- HEALTH, SAFETY & ENVIRONMENT				
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

DISCLAIMER: The test data provided above is not a specification but is indicative and may vary within permissible production tolerances. Lubrex reserves the right to modify this test data. Updated information will supersede previous versions, so please refer to the latest version of this Technical Data Sheet (TDS).

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

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

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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