



UNINHIBITED IEC 296 CLASS I TRANSFORMER OIL

Performance Standards:

- As per IEC 296 Class I - Uninhibited

Product Specifications:

CHARACTERISTICS	TEST METHOD	SPECIFICATION	TEST RESULTS
APPEARANCE	to be examined in transmitted light under a thickness of 10 cm at ambient temperature.	CLEAR OIL	CLEAR OIL
DENSITY @20°CKG/dm3	ISO 3675	0.89 MAX	0.821
KINEMATIC VISCOSITY	ISO 3104		
@40°C mm2/sec		11 MAX	7.68
@20°C mm2/sec		25 MAX	18.45
@-30°C mm2/sec		1800 MAX	965.28
POUR POINT°C	ISO 3016	-45 MAX	-47°C
INTER FACIAL TENSION @25°C N/m	ISO 6275	0.04 MIN	0.048
FLASH POINT, PMCC , °C	ISO 2719	130 MIN	148 °C
NEUTRALIZATION VALUE MG KOH/gm	7.7 of IEC 296	0.03 MAX	0.0002
WATER CONTENT (PPM)	IEC 733		
DRUM		30 MAX	16.0
IN BULK		40 MAX	--
B.D.V (KV)	IEC 156		
AS DELLIVERED		30 MIN	72.0
AFTER TREATMENT		50 MIN	-
DIELECTRIC DISSIPATION FACTOR (TAN DELTA) @90°C &40°C TO 60 HZ	IEC-247	0.005	0.0005
CORROSIVE SULPHUR			
a)COPPER STRIP, 140°C,19 HRS	ISO 5662	NON COROSSIVE	NON COROSSIVE
b)COPPER STRIP,150°C,48 HRS	ASTM D 1275 B	NON COROSSIVE	NON COROSSIVE
OXIDATION STABILITY @100°C, 164 HRS	IEC-74		
A) NEUTRALIZATION VALUE mg KOH/gm		0.4 MAX	0.0065
B) Sludge %		0.4 MAX	0.0065
ANTI OXIDANT ADDITIVES%	IEC 666	ABSENT	ABSENT



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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