



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	TBR	TBR
KINEMATIC VISCOSITY @40°C mm2/sec @20°C mm2/sec @-30°C mm2/sec	ISO 3104	11 MAX 25 MAX 1800 MAX	7.68 18.45 965.28
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 VALUEmg KOH/gm	7.7 of IEC 296	0.03 MAX	0.0002
WATER CONTENT (PPM) DRUM IN BULK	IEC 733	30 MAX 40 MAX	16.0 --
B.D.V (KV) AS DELIVERED AFTER TREATMENT	IEC 156	30 MIN 50 MIN	72.0 -
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 b) COPPER STRIP, 150°C, 48 HRS	ISO 5662 ASTM D 1275 B	NON CORROSSIVE NON CORROSSIVE	NON CORROSSIVE NON CORROSSIVE
OXIDATION STABILITY @100°C, 164 HRS A) NEUTRALIZATION VALUE mg KOH/gm B) Sludge %	IEC-74	0.4 MAX 0.4 MAX	0.0065 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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