



IEC 296 CLASS I TRANSFORMER OIL - UNINHIBITED

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

DISCLAIMER:

The test data mentioned above is not a definitive specification but serves as an indication and may fluctuate within acceptable production tolerances. Venom retains the right to alter this test data. Any updated information will replace previous versions, so please consult the latest Technical Data Sheet (TDS).

HEALTH & SAFETY, ENVIRONMENT:

Extended and repeated exposure to oil can lead to skin conditions. Please avoid contact. If you do come into contact with oil, wash the affected area immediately with soap and water. Do not dispose of used oil down drains or into the environment; instead, take it to an authorized used oil collection point.

HEALTH & SAFETY:

This product is unlikely to pose significant health or safety risks when used properly in the recommended application and with good personal hygiene practices. For more information, please refer to the Safety Data Sheet (SDS), which is available upon request from your local sales office.

PROTECT THE ENVIRONMENT:

Please take used oil to an authorized collection point and adhere to local regulations. Do not discharge it into drains, soil, or water.

STORAGE:

We recommend storing all packages in a covered area. If outdoor storage is necessary, drums should be positioned horizontally to prevent water ingress and protect the markings. Products should never be stored above 60°C or exposed to direct sunlight or freezing temperatures.