



## IEC 296 CLASS I TRANSFORMER OIL - INHIBITED

**Performance Standards:**

- As per IEC 296 Class IA - Inhibited

**Product Specifications:**

CHARACTERISTICS	TEST METHOD	SPECIFICATION	TEST RESULTS
APPEARANCE	VISUAL	Clear, Free from Sediment & Suspended Matter	Clear, Free from Sediment & Suspended Matter
DENSITY (KG/DM <sup>3</sup> ) @20°C @ 29.5 C	ISO 3675	TBR	TBR
KINEMATIC VISCOSITY @40°C MM <sup>2</sup> /SEC @ - 5°C MM <sup>2</sup> /SEC	ISO 3104	<16.5 < 800	10.15 435.80
FLASH P INT PMCC °C	ISO 2719	>140	154
POUR POINT, °C	ISO 3016	< = -30	-40
INTER FACIAL TENSION @25°C N/M	ISO-6275	>0.04	0.048
NEUTRALIZATION V LUE mg KOH/gM	7.7 OF IEC 296	< 0.03	0.0004
WATER CONTENT (MG /KG.) IN BULK IN DRUMS	IEC 733	< 20 < 30	8 12
BREAK DOWN VOLT GE (KV.) AS DELLIVERED AFTER TREATMENT	IEC 156	< 30 < 30	40 76
DIELECTRIC DISSIPATION FACTOR (TAN DELTA) @90°C &40°C TO 60 HZ	IEC-247	< 0.005.	0.0004
CORROSIVE SULPHU	ISO 5662	NON COROSSIVE	NON COROSSIVE
OXIDATION STABILITY (INDUCTION PERIOD) HRS.	IEC-296-7.11.2	> 120e	220
ANTI OXIDANT ADDITIVES%	IEC-666	0.15- 0. 0	0.18
PCBS CO TENT, %	AS M D 4059	NOT DETECTABLE	NOT DETECTABLE

**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.