



## NAPHTHENIC TRANSFORMER OIL - UNINHIBITED

### Performance Standards:

- As per IEC 60296-Uninhibited (Naphthenic)

### Product Specifications:

CHARACTERISTICS	TEST METHOD	SPECIFICATION	TEST RESULTS
APPEARANCE	VISUAL	Clear, Free from Sediment & Suspended Matter	Clear, Free from Sediment & Suspended Matter
DENSITY @20°C/kg/dm <sup>3</sup>	IEC 12185	TBR	TBR
KINEMATIC VISCOSITY @40°C MM <sup>2</sup> /SEC @ - 30°C MM <sup>2</sup> /SEC	ISO 3104	12 MAX 1800 MAX	9.41 980.54
POUR POINT°C	ISO 3016	-40 MAX	- 45
INTER FACIAL TENSION @25°C mN/m	ISO 6295	40 min	52
FLASH POINT PMCC °C	ISO 2719	135 MIN	146
ACIDITY mgKOH/gm	IEC 62021-1	0.01 MAX	0.0002
WATER CONTENT (PPM) IN DRUMS IN BULK	IEC-60814	30 MAX 40 MAX	14 12
BREAK DOWN VOLT GE (KV) AS DELIVERED AFTER TREATMENT	IEC 60156	30 MIN 60 MIN	72
DIELECTRIC DISSIPATION FACTOR (TAN DELTA) @90°C &40°C TO 60 HZ	IEC-60247	0.005	0.0003
CORROSIVE SULPHU SILVER STRIP 100°C, 18 HRS COPPER STRIP, 150°C, 48	DIN 51353 ASTM D 1275 B	NON CORROSSIVE NON CORROSSIVE	NON COROSSIVE NON COROSSIVE
OXIDATION STABILITY @120°C, 164 HRS  A) TOTAL ACIDITY mg KOH / gm B) Sludge % C) DDF @ 90 °C	IEC-61125 (METHOD C)  IEC-60247	1.2 0.8 0.50	0.006 0.006 0.006
ANTI OXIDANT ADDITIVES, %	IEC 60666	NOT DETECTABLE	NOT DETECTABLE
PCA CONTENT %	BS-2000 PART 346	3 MAX	0.17 %
PCB CONTENT mg/kg/gm	IEC-61619	NOT DETECTABLE	NOT DETECTABLE
2 FURFURAL CONTENT mg/kg/gm	IEC-61198	0.1 MAX	NIL

### 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.