



## NAPHTHENIC TRANSFORMER OIL - INHIBITED

**Performance Standards:**

- As per IEC 60296-Inhibited (Naphthenic)

**Product Specifications:**

CHARACTERISTICS	TEST METHOD	SPECIFICATION	TEST RESULTS
Aniline Point °C	ASTM D 611	Minimum 63	75.0
Number of Colours	ASTM D 1500	Maximum 0.5	0.00
Breakdown Voltage, kV (Between the two electrodes: 2.5 mm)	VDE 0370	Minimum 50	70.0
Water Content, ppm	ASTM D 1533	Maximum 20	12.0
Flash Point, °C	ASTM D 92	Minimum 140	144
Interfacial Tension @ 25 °C, dyne/cm.	ASTM D 971(filter edilmemis)	Minimum 40	52
Neutralization Number, mg KOH/g.	ASTM D 974, 664	Maximum 0.01	0.0002
Pour Point, °C	ASTM D 97 (a)	Maximum -40	- 45
Power Factor, 100 °C %	ASTM D 924	Maximum 0.30	0.0008
Power Factor, 25 °C %	ASTM D 924	Maximum 0.05	0.0002
Density at 15 °C / 15 °C g/ cm <sup>3</sup>	ASTM D 1298	TBR	TBR
Viscosity, cSt, 40 °C	ASTM D 445	Maximum 1	10.24
SSU, 40 °C	ASTM D 88	Maximum 66	60.00
PCB ppm	DEXIL L -2000	Non-Detectable	Not detectable.
Oxidation Stability (ageing /Sludge)	IEC- 61125-Method	500 saat	90
Total acidity		< 1.2 mgKOH / g	0.005
Sediments		<% 0.8	0.0024
DDF at 90 °C	IEC- 60247 (b)	< 0.500	0.006
Oxidation Inhibitor Additive (DBPC) % weight.	IEC- 60666 Annex – A (b)	0.20 - 0.40	0.30
Passivator	IEC- 60666 Annex – B (b)	Not detectable	Not detectable
Pour Point Inhibitor Additive	IEC- 60666 Annex – C (b)	Not detectable)	Not detectable
Extract Compounds, Mass %.	IP – 346 (b)	Maximum 3 %	0.18 %
2-Furfural Content, ppm or Furanic Compounds	IEC 61198 (b) ASTM D 5837 (b), (c)	Maximum 0.1 mg/kg. Maximum 25 µg/L	Nil ---
Corrosive Sulphur	IEC – 62535 (b)	Non-Corrosive	Non-corrosive

**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.