

Transformer Oil Type II

(September 2021 edition)

AMALIE Transformer Oil Type II is an additized paraffinic hydrocarbon based electrical transformer insulating oil meeting the requirements of ANSI/ASTM D3487. Formulated from severely hydrotreated paraffinic crude to produce a highly refined mineral oil, **AMALIE Transformer Oil Type II** provides both stability at high temperature and excellent electrical insulating capabilities.

BENEFITS

- High Stability at High Temperatures
- Excellent Electrical Insulating Capabilities
- Meets Numerous Industry Standards

PHYSICAL AND CHEMICAL PROPERTIES

Physical, Electrical & Chemical Properties:	Test Method IEC	Limits
Appearance	-	Clear, free from sediments and suspended matter
Specific Gravity at 15°C	ISO 3675	0.910 Max.
Kinematic Viscosity, cSt. @ 40°C @ 0°C	ISO 3104	12 Max. 76.0 Max.
Flash Point, °C (P.M.)	ISO 2719	145 Min.
Pour Point, °C	ISO 3016	-40 Max.
Acidity, mgKOH/g oil	IEC 62021	0.03 Max.
Corrosive Sulphur	DIN 51353	Non-Corrosive
Potentially Corrosive Sulphur	IEC 62535	Non-Corrosive
DBDS	IEC 62697-1	Not Detectable (<5mg/kg)
Furfural and Related Compounds Content	IEC 61198	Not Detectable (<5mg/kg) for each individual compound
Water Content, mg/Kg a- On filling into drums	IEC 60814	a- 35 mg/kg Max.
Oxidation Inhibitor Content	ASTM D 2668	0.26
Oxidation Stability, 164 Hr. a- Sludge, Wt.%	IEC 61125-C	a- 0.1 Max.
Breakdown Voltage: a- On filling into drums	IEC 60156	a- 30 K.V. Min.
Dissipation factor @ 90°C and 40 Hz to 62 Hz	IEC 60247	0.005 Max.
Gassing Tendency at 50 Hz after 120 min, mm ² /min	IEC 60628	To be Reported
PCB	IEC 61619	Not Detectable
Interfacial Tension, mn/m	ASTM D 971	40 Min.



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ADDITIONAL INFORMATION

AMALIE Transformer Oil Type II raw materials are sourced from either American or European suppliers.

Please use proper handling and care that you would use with any transformer oil. Contact your Sales Representative for SDS.