

TRANSFORMER OIL



TRANSFORMER OIL II is an unhibited transformer oil. It is blended from the high quality basestock and anti-oxidant additives that have better insulating and cooling properties to maintain the transformer condition. The benefits of TRANSFORMER OIL II include the following properties :

- Low viscosity and pour point which increase the fluidity to enhance the cooling property.
- High dielectric strength to provide good insulating property.
- High flash point for safety operation.
- Good thermal and oxidation stability.
- Compatible with materials used in transformers.

Usage of Transformer Oil II

- TRANSFORMER OIL II is recommended for using in power generation, transmission, distribution installation, circuit breakers, switches, reactors and other equipments.

Passed standard tests

- ASTM D 3487 Type II
- BS 148 Class IA
- KS C 2301
- JIS C 2320
- IEC 60296(I): 2012 version

Special characteristics of Transformer Oil II

PROPERTIES	METHOD	TRANSFORMER OIL II
Density @ 15 °C, g/cm ³	ASTM D1298	0.8225
Kinematic Viscosity @ 40 °C, mm ² /s	ASTM D445	7.6
Flash Point (PMCC), °C	ASTM D93	150
Pour Point, °C	ASTM D97	-45
Neutralization value, mgKOH/g	ASTM D974	0.01
Water content, ppm	ASTM D1533	20
Anti-oxidant Additives, %	ASTM D1473	0.22
Corrosive sulfur @ 140 °C, 19 hrs	ASTM D1275	Non-Corrosive
Breakdown voltage, 2.5 mm, kV	ASTM D877	60
Volume resistivity at 80 °C, Ω.cm	ASTM D1169	2 X 10 ¹⁵
Dissipation factor at 100 °C, 40-60 Hz, %	ASTM D924	0.002
Oxidation stability @ 110 °C, 164 hrs	ASTM D2440	
- Sludge, %wt by mass		0.18
- Neutralization value, mgKOH/g		0.005
PCB Content, ppm	A STM D4059	Not detectable

Package: 200 litres