



# OLA Transformer Oil II

## Electrical uninhibited insulating oil

### Specification:

- IEC 60296 –U-2012-02 Edition 4.0 standard -2
- ASTM D1275B/CIGRE corrosion tests

### Performance features:

- Highly resistant to oxidative degradation.
- Resists the formation of oxidation products that can reduce the ability of the oil to insulate and cool electrical windings.
- Rapid heat transfer properties.
- An essential quality in electrical insulating systems.
- Compatible with construction materials.
- Outstanding low temperature properties without the need for pour point depressant.

### Description:

OLA Transformer Oil II is an electrical uninhibited insulating fluid, for use in electrical systems where rapid heat transmission and high oxidation stability are required. It is highly refined mineral oil with natural low pour point characteristics. Transformer Oil II is intended for use where normal oxidation resistance is required. Transformer Oil is uninhibited and meets the specifications IEC 60296 (04) and ASTM D1275B / CIGRE corrosion tests requirements.

### Applications:

- OLA Transformer Oil II is recommended for use in oil filled transformers and switchgears in which the oil is required as an insulation medium or as a heat transfer medium.
- OLA Transformer Oil II is to be used in applications specifying IEC 60296 (04) general specifications and reinforced copper corrosion protection (pass ASTM D1275B corrosion test).
- OLA Transformer Oil II is not suitable for use in oil filled cables, for special impregnation processes or for use in capacitors.

### Typical properties:

OLA Transformer Oil II	
Density at 20°C, kg/dm <sup>3</sup> , ISO 3675	0.845
Viscosity, mm <sup>2</sup> .s-1 @ 40°C, ISO 3104	9.7
Flash Point (PMCC), °C, ISO 2719	164
Pour Point, °C, ISO 3016	- 51
Corrosive Sulphur, ASTM D1275 procedure B	Non corrosive
<b>Oxidation Stability @ 100°C /164 h, IEC 61125C</b>	
- Total Acidity, mg KOH/g	0.024
- sludge, wt%	0.002
Dielectric Dissipation Factor @ 90°C, IEC 60247	0.00073
Interfacial Tension, N/m Min @25°C	0.045
<b>Breakdown voltage</b>	
- before treatment, kV, IEC 60156	66
- after treatment, kV, IEC 60156	74

The characteristic values appeared on the top in the table are typical values given only as an indication

### Health and safety:

This product used as our recommendation for intended application not expected to produce any particular risk. A safety data sheet of this product is available for a simple request from your sales contact office or via internet. In case of used oil elimination, please respect the regulation and protect the environment.