



Transformer Oil Ultra-eleKt 9 Inhibited

High performance Inhibited Electrical Insulating Oil

Product Data Sheet

Product description

Transformer Oil Ultra-eleKt 9 Inhibited is a high performance inhibited electrical insulation oil formulated for severe operating conditions such as high ambient temperatures, where oxidation resistant and thermally stable insulating oils meeting the IEC 60296:2012 (Edition 4) transformer oil specification are required.

Transformer Oil Ultra-eleKt 9 Inhibited is formulated with highly refined inhibited naphthenic base oils and does not contain poly-chlorinated biphenyls (PCBs).

Customer benefits

- Oxidation resistance prevents sludge, deposits and soluble compounds in high ambient temperatures or extended service conditions
- Efficient conductive heat transfer improves component cooling performance
- Low solvency protects electrical wire enamels
- Rapid arc quenching reduces contact erosion
- High dielectric strength and low dissipation factor provide excellent insulating characteristics

Applications

- Transformers
- Oil-immersed switchgear
- Circuit breakers
- Oil-filled capacitors
- Tap changers
- Electrical reclosures
- Fuses

Performance standards

- **Transformer Oil Ultra-eleKt 9 Inhibited** meets IEC 60296:2012 (Edition 4) requirement

Product highlights:

- Formulated for severe operating conditions
- Oxidation resistant and thermally stable
- Extended service life
- PCB-free

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Typical test data

TRANSFORMER OIL ULTRA-ELEKT 9 INHIBITED	RESULTS
Product Code	524604
Breakdown Voltage (Before Treatment), kV	44
Dissipation Factor @ 90°C	<0.001
Neutralization Value, mgKOH/g	<0.01
Kinematic viscosity, 40 °C, mm ² /s	9.5
Kinematic viscosity, -30 °C, mm ² /s	830
Flash point PM, °C	>140
Corrosive Sulphur	Non corrosive
Pour Point, °C	-48

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.

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