



# Transformer Oil Ultra-eleKt 11- Uninhibited

## High performance Un-inhibited electrical insulating oil

Product Data Sheet

### Product description

**Transformer Oil Ultra-eleKt 11- Uninhibited** is a high performance uninhibited electrical insulating oil, suitable for use where insulating oils meeting IEC 60296:2012 (Edition 4) transformer oil specifications are required.

It is formulated with highly refined naphthenic base oil and does not contain polychlorinated biphenyls (PCBs).

### Customer benefits

- **Prolongs transformer life** - Low viscosity and low pour point provide good low temperature fluidity.
- **Efficient heat transfer** - Improves transformer components cooling. Low solvency protects electrical wire elements.
- **Maximizes life of oil-immersed switches** - Rapid arc quenching reduces contact erosion
- **Maintains transformer efficiency** - High dielectric strength and low dissipation factor provide good insulating characteristics
- **Long service life** - Highly refined base fluids resist sludge, deposits, soluble compounds which lead to breakdown of oil's electrical properties

### Applications

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

### Product highlights:

- Good low temperature fluidity
- Good transformer component cooling
- Reduces contact erosion
- PCB-free

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## Performance standards

- **Transformer Oil Ultra-eleKt 11- Uninhibited** meets IEC 60296:2012 (Edition 4) requirement

## Typical test data

TRANSFORMER OIL ULTRA-ELEKT 11- UNINHIBITED	RESULTS
<b>Product Code</b>	<b>524602</b>
<b>Breakdown Voltage (Before Treatment), kV</b>	33
<b>Dissipation Factor @ 90°C</b>	<0.001
<b>Neutralization Value, mgKOH/g</b>	<0.01
<b>Kinematic viscosity, 40 °C, mm<sup>2</sup>/s</b>	9.5
<b>Kinematic viscosity, -30 °C, mm<sup>2</sup>/s</b>	-
<b>Kinematic viscosity, -20 °C, mm<sup>2</sup>/s</b>	249
<b>Flash point PM, °C</b>	>140
<b>Corrosive Sulphur</b>	Non corrosive
<b>Pour Point, °C</b>	-51

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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