

# Transformer Oil Inhibited

Premium performance inhibited electrical insulating oil



## Product description

Transformer Oil Inhibited is a premium performance inhibited electrical insulation oil suitable for use in normal or severe operating conditions such as high ambient temperatures, where oxidation resistant and thermally stable insulating oils that meet the IEC 60296:2020 Type B transformer oil specification are required.

## Customer benefits and product features

### Customer benefits

- Oxidation resistance helps prevent sludge, deposits and soluble compounds in high ambient temperatures or extended service conditions
- Efficient heat transfer in cooling transformer component by removal of heat from heat generating components
- Helps maximize life for oil switches with rapid arc quenching properties to reduce contact erosion
- Low solvency of oil components helps to protect electrical wire elements
- Helps maintain transformer efficiency with high dielectric strength and low dissipation factor to provide good insulating characteristics

### Product features

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

## Applications

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

## Product approvals, performance and recommendations

### Performance standards

Transformer Oil Inhibited is developed independently by Chevron to meet the following specification:

- IEC 60296:2020 Type B requirement

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## Typical Test Data

TRANSFORMER OIL INHIBITED KEY PROPERTIES	RESULTS
<b>Product Code</b>	<b>520608</b>
Breakdown Voltage (Before Treatment), kV	62
Dissipation Factor @ 90°C	<0.001
Neutralization Value, mgKOH/g	<0.01
Kinematic viscosity,	
mm <sup>2</sup> /s @ 40°C	10.25
mm <sup>2</sup> /s @ -30°C	1385.5
Flash point, PM, °C	>140
Corrosive Sulphur	Non corrosive
Pour Point, °C	-45
Inhibitor Content, wt%	0.38

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ENVIRONMENT, HEALTH and SAFETY. Information is available on this product in the Material Safety Data Sheet (MSDS) and Customer Safety Guide. Customers are encouraged to review this information, follow precautions and comply with laws and regulations concerning product use and disposal. To obtain a MSDS for this product, visit the [Product Information Center](#).

This Product Data Sheet (PDS) was produced for the Asia Pacific region based on the best available information at the time of issue. The specific information included may not directly reflect the market or conditions, and may vary. For the most up-to-date, country-specific information, please contact your local customer service center.

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