



Transformer Oil Inhibited

Premium performance inhibited electrical insulating oil

Product Data Sheet

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 meeting the IEC 60296:2012 (Edition 4) transformer oil specification are required.

Transformer Oil 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 heat transfer in cooling transformer component by removal of heat from heat generating components
- 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.
- Maintains transformer efficiency with high dielectric strength and low dissipation factor provide good insulating characteristics

Applications

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

Product highlights:

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

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Performance standards

Transformer Oil Inhibited meets IEC 60296:2012 (Edition 4) requirement

Product Specification

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

* Results shown above are typical results and may vary due to testing methods

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.

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 www.caltexoils.com.

For more information, go to www.chevronlubricants.com