



Transformer Oil BSI

Non-inhibited electrical insulating oil

Product Data Sheet

Product description

Transformer Oil BSI is an efficient performance non-inhibited electrical insulating oil, suitable for use where insulating oils meeting IEC 60296:2003 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
- Selected specification standards include:
 - IEC 60296:2003

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Approvals and performance specifications

Performance specifications

- IEC 60296:2003

Typical test data

TRANSFORMER OIL BSI TEST	TEST METHODS	RESULTS
Viscosity Grade		10
Product Code		520602
Kinematic viscosity, 40 °C, mm ² /s	ASTM D445	10.2
Kinematic viscosity, -30 °C, mm ² /s	ASTM D445	1045
Flash point PM, °C	ASTM D93	>146
Corrosive Sulphur	ASTM D1275B	Non corrosive
Pour Point, °C	ASTM D97	-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.

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