



# Transformer Oil BSI

Efficient performance 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 or ASTM D3487 Type I transformer oil specifications are required.

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

## Customer benefits

- Low viscosity and low pour point provide good low temperature fluidity
- Efficient heat transfer improves transformer component cooling
- Low solvency protects electrical wire enamels
- Rapid arc quenching reduces contact erosion
- High dielectric strength and low dissipation provide good insulating characteristics
- Highly refined base fluids resist sludge, deposits, soluble compounds and the breakdown oil 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
  - ASTM D3487 Type 1

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## Approvals and performance specifications

### Performance specifications

- IEC 60296:2003
- ASTM D3487 Type 1

### Typical test data

TRANSFORMER OIL BSI		
TEST	TEST METHODS	RESULTS
<b>Viscosity Grade</b>		<b>10</b>
<b>Product Code</b>		<b>520602</b>
Kinematic viscosity, 40 °C, mm <sup>2</sup> /s	ASTM D445	10.2
Kinematic viscosity, -30 °C, mm <sup>2</sup> /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.

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