

Transformer Oil BSI

Electrical insulating oil



Product description

Transformer Oil BSI is highly refined, trace inhibited naphthenic transformer oil for use where insulating oils meeting ASTM D3487 Type I transformer oil specifications are recommended. Does not contain polychlorinated biphenyls (PCBs).

Customer benefits and product features

Customer benefits

- **Prolongs transformer life**
Low viscosity and low pour point provide excellent fluidity at low temperatures. Excellent conductive heat transfer properties improve cooling of transformer components. Low solvency protects electrical wire enamels.
- **Maximizes life of oil-immersed switches**
Rapid quenching of arcs reduces contact erosion.
- **Maintains transformer efficiency**
High dielectric strength and low dissipation factor provide excellent insulating characteristics.
- **Long service life**
Highly refined base fluids limit the formation of sludges, deposits and soluble compounds which lead to a breakdown of the oil's electrical properties.

Product features

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

Transformer Oil BSI

Electrical insulating oil



Applications

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

Approvals, performance and recommendations

Performance standards

- Transformer Oil BSI meets ASTM D3487 Type I requirement.

Transformer Oil BSI

Electrical insulating oil



Typical test data

TRANSFORMER OIL BSI*	
Product Code	520602
Breakdown Voltage (Before Treatment), kV	54
Dissipation Factor @ 100°C	<0.01
Neutralization Value, mgKOH/g	<0.01
Kinematic Viscosity	
mm ² /s @ 40°C	10.15
mm ² /s @ 0°C	64.25
Flash Point, PM, °C	>140
Corrosive Sulphur	Non corrosive
Pour Point, °C	-45

2005

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

This bulletin was prepared in good faith from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended. Produced by Chevron Global Lubricants: Asia Pacific.

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.

[Visit Product Information Center >](#)

Transformer Oil BSI/Asia Pacific/CHV/PDSv1_04/2024



A Chevron company product

© 2024 Chevron Products Company. Asia Pacific.
All Rights Reserved.