

# ISOVOLTINE II-TX



Insulating

Inhibited naphtenic based mineral insulating oil.

## APPLICATIONS

### Insulating oil

- ISOVOLTINE II-TX oil is an inhibited naphtenic based mineral oil for transformers, rheostats and circuit breakers using mineral oils.
- ISOVOLTINE II-TX contains a pour point depressant to improve its low temperature properties.

## SPECIFICATIONS

### International specifications

- IEC 60296 (2012): Type I
- ASTM D 3487: Type II
- JIS C 2320: class 1, class IA, IIA

## ADVANTAGES

- Contains inhibitor to ensure a better resistance to oxidation.
- High insulating capability.
- Low viscosity for effective cooling.
- Very good low temperature properties.
- No impurities such as dissolved gas, water or suspended solids.
- Does not contain DBDS.
- Does not contain PCB.

TYPICAL CHARACTERISTICS	METHODS	UNITS	ISOVOLTINE II-TX
Density at 20 °C	ASTM D 1298	kg/m <sup>3</sup>	863
Viscosity at 40 °C	ASTM D 445	mm <sup>2</sup> /s	8.4
Pour point	ASTM D 97	°C	- 48
Flash point (COC)	ASTM D 92	°C	156
Dielectric strength untreated oil	ASTM D 1816	kV	50
Power Factor at 60 Hz, 100°C	ASTM D 924	%	0.01
Inhibitor content	IEC 60066	%	0.3
Sulfur corrosion	ASTM D 1275B	-	Non corrosive
Sulfur corrosion	IEC 62535	-	Non corrosive
Sulfur corrosion	DIN 51353	-	Non corrosive

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS  
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ISOVOLTINE II-TX  
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This lubricant used as recommended and for the application for which it has been designed does not present any particular risk.  
A material safety data sheet conforming to the regulations in use in the E.C. can be obtained from your local commercial adviser or down loaded from [www.quick-fds.com](http://www.quick-fds.com).