

ISOVOLTINE II



Insulating oil



TOTAL

Pure non-inhibited mineral insulating oil.

APPLICATIONS

Insulating oil

- **ISOVOLTINE II** is a non-inhibited naphthenic mineral oil for transformers, rheostats and circuit breakers using mineral oils.

SPECIFICATIONS

International specifications

- IEC 60296: 2012
- BS EN 60296: 2012

ADVANTAGES

- High insulating capability.
- Low viscosity for effective cooling.
- Very good oxidation resistance giving long life.
- 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
Density at 20 °C	ISO 12185	kg/m ³	875
Viscosity at 40 °C	ISO 3104	mm ² /s	10
Pour point	ISO 3016	°C	- 45
Closed cup flash point	ISO 2719	°C	140
Breakdown voltage: untreated oil	IEC 60156	kV	40 - 60
Breakdown voltage: oil after drying and filtering	IEC 60156	kV	70
Corrosive sulfur	ASTM D 1275B	-	non corrosive
Corrosive sulfur	IEC 62535	-	non corrosive
Corrosive sulfur	DIN 51353	-	non corrosive

Above characteristics are mean values given as an information.

**TOTAL LUBRIFIANTS
INDUSTRIE**

19-09-2017 (supersedes 18-01-2017)

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1/1



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.