



Insulating



Pure non-inhibited mineral insulating oil.

## **APPLICATIONS**

**Insulating oil** 

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

## **SPECIFICATIONS**

International specifications 

IEC 60296: 2012
BS 148 classes I and II

## **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 <sup>3</sup>	875
Viscosity at 40 °C	ISO 3104	mm²/s	10
Pour point	ISO 3016	°C	- 45
Closed cup flash point	ISO 2719	°C	140
Dielectric strength: untreated oil	IEC 60156	kV	40 - 60
Dielectric strength: oil after drying and filtering	IEC 60296	kV	70
Corrosive sulfur	ASTM D 1275B	-	non corrosive
Corrosive sulfur	CEI 62535	-	non corrosive
Corrosive sulfur	DIN 51353	-	non corrosive

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS Industrie & Spécialités 06-11-2012 (supersedes 15-02-2012) ISOVOLTINE II 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 <u>www.quick-fds.com</u>.