

# ISOVOLTINE II



Lubrication



Pure non-inhibited mineral insulating oil.

## APPLICATIONS

### Insulating oil

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

## SPECIFICATIONS

### International specifications

- IEC 60296 (11.2003)
- ASTM D 3487 type I
- HN 27 -S-02 classes I and II
- BS 148 classes I and II
- NF C27-101
- UTE 26-116
- CEB - NBN 13
- DUTCH KEMA
- ASE / SEI 0124
- NF C 27-300 cat 01

## ADVANTAGES

- High insulating capability.
- Low viscosity for effective cooling.
- Very good oxidation resistance giving long life.
- High flash point to eliminate any risk of fire.
- Very good demulsification ensuring good water separation in case of accidental pollution.
- Absolutely no impurities such as dissolved gas, water or suspended solids.

TYPICAL CHARACTERISTICS	METHODS	UNITS	ISOVOLTINE II
Density at 15 °C	ISO 3675	kg/m <sup>3</sup>	890
Viscosity at 20 °C	ISO 3104	mm <sup>2</sup> /s	24.6
Viscosity at 40 °C	ISO 3104	mm <sup>2</sup> /s	10
Pour point	ISO 3016	°C	- 45
Open cup flash point	ISO 2592	°C	155
Dielectric strength: untreated oil	IEC 156	KV	40
Dielectric strength: oil after drying and filtering	IEC 296	KV	70

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS

Industrie & Spécialités

03-02-2004 (supersedes 07-06-2001)

ISOVOLTINE II

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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).

