

# ISOVOLTINE II



*Insulating*

**Pure non-inhibited mineral insulating oil.**

## APPLICATIONS

### Insulating oil

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

## SPECIFICATIONS

### International specifications

- IEC 60296: 2003
- BS 148 classes I and II

## 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 demulse properties 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 20 °C	ISO 12185	kg/m <sup>3</sup>	871
Viscosity at 40 °C	ISO 3104	mm <sup>2</sup> /s	10
Pour point	ISO 3016	°C	- 51
Closed cup flash point	ISO 2719	°C	142
Dielectric strength: untreated oil	IEC 156	kV	40 - 60
Dielectric strength: oil after drying and filtering	IEC 296	kV	70
Corrosive sulfure	ASTM D 1275B	-	PASS/non corrosive

Above characteristics are mean values given as an information.

**TOTAL LUBRIFIANTS**  
**Industrie & Spécialités**

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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).