

Isovoltine II X

Inhibited insulating oil

APPLICATIONS

- **Isovoltine II X** is an inhibited naphthenic mineral oil for transformers, rheostats and circuit breakers using mineral oils.

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.

SPECIFICATIONS

- IEC 60296: 2020
- BS EN 60296: 2020

APPROVALS

TYPICAL CHARACTERISTICS

Properties	Units	Standards	Isovoltine II X
Density at 20°C	kg/m ³	ISO 12185	875
Viscosity at 40°C	mm ² /s	ISO 3104	10
Pour point	°C	ISO 3016	-45
Closed cup flash point	°C	ISO 2719	140
Breakdown voltage: untreated oil	kV	IEC 60156	40 - 60
Breakdown voltage: oil after drying and filtering	kV	IEC 60156	70
Corrosive sulfur	-	ASTM D 1275B	Non corrosive
Corrosive sulfur	-	IEC 62535	Non corrosive
Corrosive sulfur	-	DIN 51353	Non corrosive
Aromatic content	%	IEC 60590	5



For additional information, contact your local Totalenergies Lubricants representative or visit our web site: <https://lubricants.totalenergies.com>

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 downloaded from <https://sds.totalms.total.com>