



## APPLICATIONS

**Eni ITE 600 X** is a high quality inhibited insulating oil that can be used in transformers, switchgears, condensers, rheostats and in many other electrical applications where particularly low temperature conditions can occur.

The product is highly stable and meets corrosion requirements of tests ASTM D1275B / CIGRE TF A2.32.01 (CCD test).

**Eni ITE 600 X** guarantees a high breakdown voltage; in this respect, it is recommended to adopt correct handling procedures, such as submitting the product to preventive filtering and dewatering processes before service starting and periodic oil monitoring and machines maintenance

## CUSTOMER ADVANTAGES

- Suitable for transformer operating at very low temperatures thanks to low pour point
- Non-corrosive towards copper with no need for passivation
- Outstanding protection against electrical discharges thanks to excellent dielectric strength
- Good heat transfer properties
- Long drain intervals thanks to outstanding resistance to thermal and chemical degradation

## SPECIFICATIONS - APPROVALS

- IEC 60296 ed.4 (2012) - type I





## CHARACTERISTICS

Properties	Method	Unit	Typical
Appearance	-	-	clear
Density at 20°C	ASTM D 4052	kg/m <sup>3</sup>	870
Viscosity at 40°C	ASTM D 445	mm <sup>2</sup> /s	10
Flash point (PM)	ASTM D 93	°C	150
Pour point	ASTM D 97	°C	-48
Dielectric strength	IEC 60156	kV	50
Dielectric strength (after treatment)	IEC 60156	kV	>70

## WARNINGS

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