



APPLICATIONS

Eni ITE 600 is a high quality uninhibited 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 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 U





CHARACTERISTICS

Properties	Method	Unit	Typical
Appearance	-	-	clear
Density at 20°C	ASTM D 1298	kg/m ³	870
Viscosity at 40°C	ASTM D 445	mm ² /s	10
Flash point (PM)	ASTM D 93	°C	150
Pour point	ASTM D 97	°C	-48
Rigidità dielettrica (dopo trattamento)	IEC 60156	kV	>70
Mean Breakdown Voltage	IEC 60156	kV	50



eni