



REDOIL



TECHNICAL DATA SHEET

TRANSFORMEROIL

Dielectric lubricant for transformers

SPECIFICS

- I.E.C. 60296 Transformer oil U -30°C (2020)
- CEI EN 60296 Classificazione 10-1
- Olio per trasformatori U -30°C (2004)



TECHNICAL DESCRIPTION

Inhibited grade dielectric fluid conforming to the requirements of IEC 60296 edition 5 . Its engineered composition composed entirely of highly refined naphthenic bases is specifically designed for use in oil bath electrical equipment including power transformers, rectifiers, rheostats and power switches.

The use of this product ensures:

- High dielectric strength values that remain constant over time, even when the temperature changes. Dielectric strength expresses the fluid's resistance to electrical stress, and indicates the absence of impurities, moisture and polarising ingredients;
- Good cooling capacity of transformer cores and windings due to high thermal conductivity;
- Excellent resistance to oxidation and degradation.

For further details, please contact the technical department



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Responsabile di laboratorio

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Typical characteristics

Properties	Unit	Method	Average values
Density at 20°C	Kg/m ³	ISO 12185	862
Kinematic viscosity at 40°C	cSt	ISO 3104	8.9
Viscosity at -35°C	cSt	ISO 3104	1200
Flash Point	°C	ISO 2719	146
Pour Point	°C	ISO 3016	-57
Total sulphur content	%	ISO 14596	0,008
Breakdown voltage before treatment	KV	IEC 60156	30
Breakdown voltage before treatment	KV	IEC 60296	>70

MODE OF USE

Use in accordance with the recommendations in the user and maintenance manual supplied by the manufacturer. Store in a cool, dry place, protected from direct sunlight and at temperatures not exceeding 60°C (140°F).

SAFETY AND ENVIRONMENT

Use in accordance with the recommendations provided in the Safety Data Sheet. Additional information on MSDS.