

Description

Inhibited dielectric mineral oil formulated with hydrogenated base oils. Especially recommended for use as an insulation fluid in electrical equipment.

Properties

- High dielectric strength.
- Excellent cooling properties.
- High oxidative stability and resistance to deposit formation.
- Sulphur content below usual detection limits.

Quality levels, approvals and recommendations

- IEC 60296:2020 Ed. 5 Type B <<STANDARD GRADE>> INHIBITED

Technical characteristics

	UNIT	METHOD	LIMITS
Kinematic viscosity at 40 °C	cSt	ASTM D445	8.90
Kinematic viscosity at -30 °C	cSt	ASTM D445	396
Density at 20 °C	g/ml	ASTM D4052	0.826
Flash point	°C	ASTM D92	176
Freezing point	°C	ASTM D97	-60
Breakdown voltage, untreated	kV	UNE EN 60156	63
Dielectric loss factor at 90 °C	--	UNE EN 60247	0.0006
Oxidation, maximum sludge	% weight	IEC 61125C	< 0.01
Oxidation, dielectric loss factor 90 °C	--	IEC 61125C	0.00052
Oxidation, total acidity	mg KOH/g	IEC 61125C	0.10

The above mentioned characteristics are typical values and should not be considered product specifications.

Caution: Any type of contamination (humidity, particles, etc.) can negatively affect the properties of the product. Special attention must be paid to avoid polar contaminants.

A product safety sheet is available upon request.

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