

Description

Light oil specially recommended for use as an insulating fluid in electrical equipment. It is formulated from highly refined and treated bases that ensure the absence of solid matter, polar compounds and precipitate products at low temperatures. Likewise, the absence of humidity is ensured by means of a rigorous manufacturing and packaging procedure.

It is specially suited for transformers, circuit breakers, rheostats, etc. In general, it can be used in all kinds of electrical devices that need oil bath which acts as a dielectric or cooling agent.

Properties

- High dielectric power.
- Great heat evacuating capacity.
- High oxidation stability.
- Insignificant dielectric losses (Tg).
- Absence of dampness and solids in suspension.
- Minimal formation of sludge during use.
- Low aromatic content.
- Totally free of PCBs and PCTs.

Quality levels

- UNE EN 60296:2012
- IEC 60296
- BS-148 Class II (non-inhibited)
- ASTM-D-3487 Type I

Technical specifications

	UNIT	METHOD	VALUE
Kinematic viscosity at 40 °C, maximum	cSt	ASTM D 445	12
Kinematic viscosity at -30 °C, maximum	cSt	ASTM D 445	1800
Density at 20 °C	g/mL	ASTM D 4052	0.842
Flash point, minimum	°C	ASTM D 92	160
Pour point, maximum	°C	ASTM D 97	-40
Dielectric rigidity, untreated, minimum	kV	UNE EN 60156	30
Dielectric loss factor at 90 °C, maximum	--	UNE EN 60247	0.005
Interfacial tension, minimum	mN/mL	ASTM D 971	40
Oxidation, sludge	% weight	IEC 61125C	0.15
Oxidation, dielectric loss factor at 90 °C	--	IEC 61125C	0.01
Oxidation, total acidity	mg KOH/g	IEC 61125C	0.2

A safety data sheet is available on request.

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