

Lubricants for industry.



Elekoil UHV

Non-inhibited dielectric insulating fluid.

› Use

- Manufactured with highly refined naphthenic base oils
- Especially recommended for use as an insulating fluid and a coolant in the winding of electric transformers of all sizes and power, in an oil bath.

› Benefits

- High dielectric stiffness complying with the strictest of standards.
- Excellent chemical stability and resistance to oxidation, reducing the presence of deposits that can attack the insulation of the windings or electrical elements where used.
- Low dielectric losses due to the low value of its delta angle tangent.
- Its low viscosity allows for a high capacity to evacuate heat, guaranteeing adequate cooling and circulation even in low temperatures.
- Absence of moisture thanks to the product's treatment process prior to its packaging.
- Free from polychlorinated biphenyls (PCB).

› Specifications

- IEC 60296 Ed. 5 (2020), type B "TVBU"

› Physical and chemical properties

Characteristic	Units	Method	Elekoil UHV
Appearance	-	-	Transparent and free of sediments
Density at 20°C	kg/L	ISO 12185	Max. 0.895
Flash point	°C	ISO 2719	Min. 135
Pour Point	°C	ISO 3016	Max. -40
Kinematic viscosity at 40°C	mm ² /s	ISO 3104	Max. 12
Kinematic viscosity at -30°C	mm ² /s	ISO 3104	Max. 1800
Acidity	mg KOH/g	IEC 62021	Max. 0.01
Breakdown voltage:	-	-	-
Untreated oil	kV	IEC 60156	Min. 30
Treated oil	kV		Min. 70
Dielectric loss factor (DDF) at 90°C	-	IEC 60247	Max. 0.005

The typical values of the characteristics appearing in the table are average values given for guidance purposes only and do not constitute a guarantee. These values may be modified without any prior warning.

Oxidation stability (164 h, 120°C):			
Total acidity	-	mg KOH/g	Max. 1.2
Sludge	% p/p	IEC 61125 C	Max. 0.8
DDF (TAN delta) at 90°C	-		Max. 0.50
Corrosive sulfur	-	DIN 51353	Non-corrosive
Passive additives	-	IEC 60666	Non-detectable
PCA	% p/p	IP 346	Max. 3
PCB	mg/kg	IEC 61619	Non-detectable

› Health & safety and environment

A Material Safety Data Sheet providing information on product hazards, handling precautions, first aid measures, and relevant environmental data is available for this product as per applicable legislation.

The typical values of the characteristics appearing in the table are average values given for guidance purposes only and do not constitute a guarantee. These values may be modified without any prior warning.

Moeve Commercial S.A.U. • Paseo de la Castellana, 259A • 28046 Madrid • moeve.es

Rev.00, month: January, year: 2026