

LUKOIL TRAF0 IEC II

insulating oil extremely low in aromatic compounds

APPROVALS

SPECIFICATIONS & MEETS REQUIREMENTS

A: ÖVE/ÖNORM EN 60296
BRD: DIN EN 60296/VDE 0370-1
USA: ASTM D 3487
GB: BS 148
ČR: ČSN 656845
H: MSZ 153/3
International: IEC 60296

PRODUCT DESCRIPTION

LUKOIL TRAF0 IEC II is an insulating oil that is extremely low in aromatic compounds and is produced from high-quality naphta-based base oils.

In addition to that **LUKOIL TRAF0 IEC II** is an inhibited insulating oil with a very low dielectric dissipation factor and a very high breakdown voltage. The low pour point and low-temperature viscosity allow reliable convection and heat dissipation even at very low temperatures.

Even at high temperatures, **LUKOIL TRAF0 IEC II** does not form sludge or acids. It responds neutrally to insulation and ensures extremely long-term resistance to short circuits. **LUKOIL TRAF0 IEC II** can tolerate overloading, and exhibits exceptional oxidation stability.

APPLICATION

LUKOIL TRAF0 IEC II is used in high-voltage transformers and electrical switchgear.

TYPICAL TEST DATA

PROPERTY	Units	Test methods	LUKOIL TRAF0 IEC II
density/15°C	kg/m ³	DIN 51757	870
flash point PM	°C	DIN EN ISO 2719	>145
Viscosity/40°C	mm ² /s	DIN 51562/T1	9,3
Viscosity/-30°C	mm ² /s	DIN 51562/T1	850
Pourpoint	°C	DIN ISO 3016	<-48
Surface Tension	mN/m	ISO 6295	48
Neutralisation value	mg KOH/g	DIN 51558	<0,01
Oxidation stability - sludge (Baader)	% by wt.	DIN 51554	<0,01
Oxidation stability - VZ (Baader)	mg KOH/g	DIN 51554	<0,01
PCB	ppm	DIN EN 12766-2	None
Breakdown voltage after drying	kV	DIN EN 60156	>70
Dielectric dissipation factor	tan δ	DIN EN 60247	<0,001
Inhibitor content	% by wt.		0,38

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved by OOO "LLK-International"

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* This document supersedes all previous versions

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