

LUKOIL KM-22

Cable medium-viscosity oil for paper-insulated power cables

Product description

Special cable medium-viscosity oil designed for manufacturing of power cables with paper insulation used at operating voltages 1-35 kV. The oil is a mineral-based product without additives.

Benefits

GOOD DIELECTRIC PROPERTIES

High electrical resistivity, low dielectric loss factor

THERMALLY STABLE

Keeps dielectric properties even at long-term heating

ENVIRONMENTAL PROTECTION

Does not contain polychlorinated biphenyls

The product name in an order: Medium-viscosity cable oil KM-22, TU 38.301-29-26-89

Typical test data

The information given in the typical data does not constitute a specification and can be affected by allowable production tolerances. The right to make modifications is reserved by OOO «LLK-International»

Property	Test methods	Value
Kinematic viscosity at 100 °C, mm ² /s	ASTM D445	21.5
Coke residue, %	GOST 19932 / ASTM D189	0.34
Flash Point, COC, °C	ASTM D92	274
Pour Point, °C	GOST 20287 B	-12
Total acid number, mg KOH/1g	GOST 5985	0.01
Ash content, %	GOST 1461/ ISO 6245 / ASTM D482	0.004
Electric strength at (25±10) °C and AC frequency 50 Hz, Mv/m	GOST 6581	4,1·10 ¹⁰
Specific volumetric electrical resistance at 100 °C and at voltage >100 v, Ohm·m	GOST 6581	24.8