

LUKOIL VG

Electrical Insulating Fluid

APPROVALS

ALSTOM

MEETS REQUIREMENTS

IEC 60296 Ed.4:2012 (Class IIA)

PRODUCT DESCRIPTION

LUKOIL VG is high quality electrical insulating oil manufactured of mineral stocks using hydrocatalytic processes. It contains highly efficient oxidation inhibitor.

APPLICATION

LUKOIL VG is designed for use in transformers, converters, rectifiers, as well as power distribution facilities under voltage up to 1150 kV inclusive. It is widely used as isolating oil in

distribution facilities, transformers, converters, inductors, capacitors. **LUKOIL VG** offers good dielectric properties and high oxidative stability.

FEATURES AND BENEFITS

- High isolating property
- Excellent performance features
- Good cooling ability
- Exceptional oxidative stability
- Prevention of glow discharge
- Protection against electric arch

Product is manufactured according to TU 38.401-58-177-96

TYPICAL TEST DATA

PROPERTY	Units	Test method	LUKOIL VG
Density at 20 °C	kg/m ³	ASTM D 4052	837.1
Kinematic viscosity at 50 °C	mm ² /s	GOST 33	5.8
Kinematic viscosity at - 30 °C	mm ² /s	GOST 33	336.6
Dielectric loss tangent @ 90 °C	%	GOST 6581	0.2
Flash point, COC	°C	GOST 6356	137
Pour point	°C	GOST 20287	-48
Acid number	mg KOH/1 g	GOST 5985	0.00
Oxidative stability, IEC method, induction period	hours	IEC - 61125B	150

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".