

GAZPROMNEFT GK TYPE 1, TYPE 2

Inhibited Transformer Oil

Inhibited Transformer Oil is a highly refined base oil for use solely in oil filled transformers and other electrical equipment. The base stock and refining process has been specifically chosen to produce a long life product free of oxidation and sludging tendencies.

Applications

- Inhibited Transformer Oil is used as an insulating oil in transformers, switch-gear, inductors, condensers, transducers and similar equipment, also for low temperature operation in outdoor use. It insulates current carrying parts from each other and from ground, carries away heat, prevents glow discharges, extinguishes electric arcs in switchgear, and impregnates insulating materials

Performance Levels

- Meets the performance requirements of IEC 60296:2003 for inhibited transformer oil.

Physical Characteristics

Properties	Method	RESULTS Gazpromneft GK Type 1	RESULTS Gazpromneft GK Type 2
Kinematic Viscosity: @ 40 °C, Cst: @ - 30°C, Cst:	ISO 3104	7,7 299	8,2 334,8
Density: @15°C, kg/m ³ @20°C, kg/m ³	ISO 3675	829,5 826,0	831,8 828,3
Flash Point (COC), °C	ASTM D 92	144	178
Pour Point, °C	ASTM D 97	-41	-47
Total Acidity Number (mg KOH/g)	ASTM D 664	0,01	0,01
Dielectric Dissipation factor @ 90°C, %	IEC 61156	0,08	0,11
Oxidation Stability @ 120°C for (120°C, 500 hr, 150 ml/hr): - Total Acidity (mg KOH/g) - Sludge Value , % - Dielectric Dissipation factor @ 90°C, %	IEC 61125 method C	0,08 0,002 0,26	0,08 0,002 0,26

Health, Safety & Environment

Information is provided for products in the relevant Safety Data Sheet (SDS). This provides guidance on potential hazards, precautions and first-aid measures, together with environmental effects and disposal of used products. SDS's are available upon request through your sales contract office. This product should not be used for purposes other than its intended use.