

ORLEN OIL TRAFO EN

GENERAL FEATURES:

Non-inhibited transformer oil manufactured on the basis of deeply refined, naphthenic type mineral oil.

APPLICATION:

The oil is intended to use in transformers, switching devices and similar electrical devices in which oil serves a function of a heat removal agent.

STANDARDS, APPROVALS. SPECIFICATION:

PN-EN 60296



Physical and chemical properties:

PARAMETERS	UNIT	TYPICAL VALUES
Density at temp. 15°C	g/cm ³	0,883
Kinematic viscosity at 40°C	mm ² /s	10,0
Kinematic viscosity at minus 30°C	mm ² /s	1230,0
Water content	mg/kg	15
Pour point	°C	-57
Breakdown voltage	kV	62
Dielectric loss factor at 90°C	-	0,002
Surface tension	nN/m	50
Active sulphur	-	Does not cause corrosion
Antioxidant content	-	Not detectable
Oxidation resistance: 164h -total acidity -deposit	mg/KOH/g %	0,9 0,2
Dielectric loss factor at 90°C (Operation)	-	0,047
Gas stability in electric field	-	11,7
Flash point (closed cup)	°C	145
PCA content	%	<3

NOTE:
Physicochemical parameters listed in the table are typical values. Real values are stated in quality control certificates attached to each product lot.

