

**Application**

**TRANSFORMER OIL TECHNOL T-1500** is a sulfate- and solvent-refined oil produced from low-sulfate crude oil. These products are used as oil circuit breakers (and as the main power material in other high voltage equipment).

**Approvals**

GOST 982-80

**Specifications**

Specifications	Unit	Test Method	Results
Density at 20°C	kg/m <sup>3</sup>	GOST 3900	875
Kinematic Viscosity at 50°C	mm <sup>2</sup> /s	GOST 33	8
Kinematic Viscosity at -30°C	mm <sup>2</sup> /s	GOST 33	1600
Amount of acid and alkali dissolved in water	-	GOST 6307	-
Total Acid Number	mgKOH/mg	GOST 11362	0.01
Corrosion test	-	GOST 2917	Stable
Transparency at 5°C	-	GOST 19296	Stable
Color	CNT	GOST 20284	1.0
Optical density in sodium sample	-	GOST 19296	0.4
Acids with volatile light molecules	mgKOH/mg	GOST 981	0.04
Increase in acidity during oxidation	mgKOH/mg	GOST 981	0.15
Mass fraction of sediments	%	GOST 981	-
The amount of mechanical mixtures	%	GOST 6370	-
Crude oil dielectric strength	kV	IEC 60156	40-60
Dielectric strength after oil is dried and filtered	kV	IEC 60296	70
Corrosive sulfur	-	ASTM D1275B	Non-abrasive
Flash Point	°C	GOST 4333	135
Pour Point	°C	GOST 20287	-45

\*The features mentioned above are average values obtained with some variability in production and do not constitute a specification