

LUKOIL TORNADO GT

Turbine oil for lubrication of drive actuators in gascompressor units

APPROVALS

GTR&PC "Zorya"-"Mashproekt"

PRODUCT DESCRIPTION

LUKOIL TORNADO GT is a high-quality turbine oil. It is manufactured according special technology, counting all requirements and operating peculiarities of drive actuators in gascompressor units. The formulation is based on synthetic oil with high resistance to oxidation and thoroughly selected foreign-manufacture additive package.

APPLICATION

LUKOIL TORNADO GT is intended for use in lubrication systems of gas-turbine engines in gas turbine compressor sets, operated as drive actuators of gascompressor units, generators at power plants and other electric systems. Recommended as substitution for MS-8p ("MC-8n") and SGT ("CIT").

The product name in an order:

Oil LUKOIL TORNADO GT, STO 79345251-039-2014

TYPICAL TEST DATA

PROPERTY	Test methods	LUKOIL TORNADO GT
Density at 20 °C, kg/m ³	ASTM D4052	837.5
Kinematic viscosity at 50 °C, mm ² /s	GOST 33	8.11
Kinematic viscosity at -40 °C, mm ² /s	ASTM D445 / GOST 33	2, 152
Flash Point, COC, °C	GOST 4333	174
Flash Point, PMCC, °C	ASTM D93 / GOST 6356	158
Pour Point, °C	GOST 20287 B	-51
Tribological properties on four-ball machine: -Wear scar diameter (1 h, 196 N, 20 °C), mm	GOST 9490	0.38
Foaming (tendency/stability): -at 24°C, ml	ASTM D892 and p. 6.5 of STO	60/0
-at 93.5°C, ml		30/0
-at 24°C (after test at 93.5°C), ml		60/0

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".