

LUKOIL STEELO POLAR 8

High quality industrial oil for pumping unit gears with extended drain intervals

APPROVALS

LLC "Izhevsk Plant special Machinery"

PRODUCT DESCRIPTION

LUKOIL STEELO POLAR 8 is a low-viscous, low-temperature gear oil. Produced on a base of hydrosynthetic oils involving additive package, providing high performance level.

APPLICATION

LUKOIL STEELO POLAR 8 is intended for year-round usage in sucker-rod pumping unit gears, straight bevel, worm, helical gears and other industrial transmissions, operated at The Extreme North ambient temperatures higher than -50 °C.

BENEFITS

- The product was specially designed for pumping unit gears with extended drain intervals instead of the oil "TC3n-8" and the oils of "И-" series
- High viscosity index
- Improved extreme pressure and anti-wear properties
- Excellent oxidation stability
- High resistance to corrosion and to foam formation
- Very high thermal stability
- Low pour point

The product name in an order:

Industrial oil LUKOIL STEELO POLAR 8, STO 79345251-089-2015

TYPICAL TEST DATA

PROPERTY	Test method	LUKOIL STEELO POLAR 8
		14,582
Kinematic viscosity at 100 °C, mm ² /s	GOST 33 / ASTM D445 / GOST R 53708	8.13
Viscosity index	GOST 25371 / ASTM D2270	184
Flash Point, COC, °C	GOST 4333 / ASTM D92	194
Pour Point, °C	GOST 20287 B	-56
Sulphur mass content, %	ASTM D6481 / GOST 1437 / ASTM D4294	1.62
Tribological properties on four-ball machine:		
-index of load wear, N	GOST 9490	419
-failure load, N		823
-welding load, N		2 764
-wear scar diameter (1h, 196 N, 20 °C), mm		0.42
Steal plate corrosion effect (3 hours at 100 °C)	GOST 2917	Passes (1b)
Foaming Tendency/ Foam Stability		
-at 24°C, ml	ASTM D892	30/0
-at 94°C, ml		20/0
-at 24°C (after test at 94°C), ml		20/0
Increase of kinematic viscosity at 100 °C, %	GOST 11063, p. 5.4.2	0.88

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".