

# LUKOIL STEELO LT 10

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

## PRODUCT DESCRIPTION

**LUKOIL STEELO LT** is a 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 pumping unit gears, straight bevel, worm, helical gears and other industrial transmissions, operated at ambient temperatures higher than -35 °C.

The product name in an order:

Industrial oil LUKOIL STEELO LT 10, STO 79345251-088-2015

## BENEFITS

- The product was specially designed for pumping unit gears with extended drain intervals instead of the oil "TCP-10" and the oils of "И-" series
- Improved extreme pressure and anti-wear properties
- Excellent oxidation stability
- High resistance to corrosion and to foam formation
- Very high thermal stability

## TYPICAL TEST DATA

PROPERTY	Test method	LUKOIL STEELO LT 10
Kinematic viscosity at 40 °C, mm <sup>2</sup> /s	GOST 33 / ASTM D445 / GOST R 53708	85.87
Kinematic viscosity at 100 °C, mm <sup>2</sup> /s	GOST 33 / ASTM D445 / GOST R 53708	10.66
Brookfield Viscosity at -35 °C, mPa·s	ASTM D2983 / GOST 1929 A, p.7.2 STO	113,397
Viscosity index	GOST 25371 / ASTM D2270	108
Flash Point, COC, °C	GOST 4333 / ASTM D92	227
Pour Point, °C	GOST 20287 B	-38
Sulphur mass content, %	ASTM D6481 / GOST 1437 / ASTM D4294	1.2
Tribological properties on four-ball machine:		
-failure load, N	GOST 9490	481
-wear scar diameter, mm		0.37
-welding load, N		3,685
Foaming Tendency/ Foam Stability		
-at 24°C, ml	ASTM D892	0/0
-at 94°C, ml		20/0
-at 24°C (after test at 94°C), ml		0/0
Kinematic viscosity increase at 100 °C, %	GOST 23652, p. 5.4.2	3.8
Density at 20 °C, kg/m <sup>3</sup>	ASTM D4052 / GOST 3900	878

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".