

LUKOIL GEYSER A Grade 3

Hydraulic fluid for fountain and pipeline valves

Specifications

- JSC «Tyazhpromarmatura»
- LLC «Yargazarmatura»
- PJSC «Gazprom»
- PJSC «Volgogradneftemash»
- MIL-PRF-5606H

Product description

Hydraulic fluid with excellent low-temperature properties. Produced on specially selected base oils and multipurpose additive package, which provides excellent protection against wear and corrosion, compatibility with seal materials and a long service life.

Application

The product is intended for use as a working fluid in wellhead and pipeline valves, equipped with hydraulic drives, at low and extra-low ambient temperatures from minus 70 °C to plus 50 °C.

Benefits

EXCELLENT LOW-TEMPERATURE PROPERTIES

Demonstrates improved lubrication and low temperature fluidity

OXIDATION RESISTANCE

Excellent anti-oxidation and anticorrosion properties

GOOD ANTI-FOAMING PROPERTIES

Low tendency to foaming

The product name in an order: Hydraulic fluid LUKOIL GEYSER A Grade 3, STO 79345251-085-2015

Typical test data

The information given in the typical data does not constitute a specification and can be affected by allowable production tolerances. The right to make modifications is reserved by OOO «LLK-International»

Property	Test methods	Value
Density at 20 °C, kg/m ³	ASTM D4052	846
Kinematic viscosity at 100 °C, mm ² /s	ASTM D445	4.2
Kinematic viscosity at 50 °C, mm ² /s	GOST 33 / ASTM D445 / GOST R 53708	8.47
Kinematic viscosity at -40 °C, mm ² /s	ASTM D445	282
Kinematic viscosity at -50°C, mm ² /s	ASTM D445 / GOST 33 / GOST P 53708	694
Pour Point, °C	GOST 20287 B	<-70
Copper corrosion (3 h, 100°C)	ASTM D130	Pass
Cleanliness grade	GOST 17216 / GOST 31247	12
Tribological properties on four-ball machine:	GOST 9490	
-Wear scar diameter, mm		0,42
Flash Point, COC, °C	ASTM D92	106
Total Acid Number, mg KOH/g	ASTM D664	0.01
Foaming (tendency/stability) at 24 °C, ml	ASTM D892	50/0