

LUKOIL GEYSER A grade 3

Hydraulic fluid for fountain and pipeline valves equipped with electro-hydraulic actuators

MEETS REQUIREMENTS

STO Gazprom 2-1.16-894-2014 ; MIL-PRF-5606H

PRODUCT DESCRIPTION

LUKOIL GEYSER A grade 3 is hydraulic fluid with excellent low-temperature properties.

LUKOIL GEYSER A grade 3 produced on the basis of highly purified low-hardening hydrocracking base oils with an additive composition that provides required performance properties.

APPLICATION

LUKOIL GEYSER A grade 3 is designed as a working fluid in fountain and pipeline valves with electro-hydraulic actuators operating at ambient temperatures from minus 70 °C to 50 °C.

It can be used as an analogue of the following oils: PMS-20, PMS-20RK, PMS-20-Ugra, Protect Hydro, Nycolube 4020, Aeroshell Fluid 41, Hydronicol FH-51, AMG-10

BENEFITS

- Excellent low-temperature fluidity
- Excellent anti-oxidative, anticorrosive and antifoam properties
- Excellent seal compatibility
- Provides good lubricity, comparable to ester-based fluids
- Excellent thermal-oxidative stability
- Compatible with almost all approved equivalents

The product name In an order:

Hydraulic fluid LUKOIL GEYSER A grade 3, STO 79345251-085-2015

TYPICAL TEST DATA

PROPERTY	Test methods	LUKOIL GEYSER A grade 3
Appearance	-	Homogeneous transparent red colored liquid
Kinematic viscosity at 100 °C, mm ² /s	ASTM D445	4.0
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 / GOST 33 / GOST R 3708	282
Kinematic viscosity at -50 °C, mm ² /s	ASTM D445 / GOST 33 / GOST P 3708	694
Pour Point, °C	GOST 20287 B	-70
Copper corrosion merit (120°C, 3h)	GOST 2917	Withstands
Cleanliness grade	GOST 17216 / GOST 31247	12
Flash Point, COC, °C	ASTM D92	106
Total Acid Number, mg KOH/g	ASTM D664	0.04
Foaming (tendency/stability):		
-at 24 °C	ASTM D892	40/0
-at 94 °C		30/0
-at 24 °C after test at 94 °C		50/0
Tribological properties on four-ball machine:		
-Wear scar diameter, mm	GOST 9490	0,42

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"