

## LUKOIL GEYSER ST 46

High quality mineral hydraulic oil

### Approvals

- Bosch Rexroth RDE 90235
- Danieli 0.000.001
- ALTA
- Palfinger
- Duplomatic
- Sulzer Pumps
- SMT Scharf
- Automa
- FELUWA Pumpen
- LAEIS
- PJSC "TYAZHPRESSMASH"
- PJSC «SEVERSTAL»
- PJSC «Nizhnemvartivskkremservice»
- JSC «CMP»
- LLC «Pumps PPD»
- UNILOY MALACRON
- Ferrit
- PJSC «AVTOVAZ»
- Arburg
- Sumitomo (SHI) Demag
- Denison HF-0/HF-1/HF-2
- Krauss Maffei Berstorff
- Eickhoff
- TMT
- VOITH TURBO
- Kopex Machinery
- Engel
- SMS Siemag
- HUSKY HS 207
- LOESCHE
- OJSC «Shakhty factory Hidroprivod»
- OOO «SEVERYANKA»
- WOOJIN SELEX
- HYDAC International
- Battenfeld
- PJSC «Volgogradneftemash»
- ThyssenKrupp Industrial Solutions
- Eaton Vickers E-FDGN-TB002-E
- Avermann
- Haitian

### Meets requirements

- DIN 51524-2 (HLP)
- ISO 11158 (HM)
- SAE MS 1004
- AIST 126/127
- Stork IMM
- JCMAS HK
- ASTM D6158 HM
- GM LS-2
- Fives Cincinnati P-70

### Product description

Industrial hydraulic oil with high level of refinement, excellent filterability and air release performance. Based on highly refined mineral oil with high viscosity index blended with advanced additive package. It is suitable for severe operating conditions and protects equipment against wear, corrosion, offers excellent performance features, extends filter life, prevents system failures and helps to reduce operation costs.

### Application

Designed for use in industrial hydraulic systems and drives, including ultrafiltration systems with a purification degree from 1 to 5 microns. The oil is designed in close cooperation with world leading additives manufacturers and hydraulic equipment OEMs.

The product name in an order: Hydraulic oil LUKOIL GEYSER ST 46, TU 0253-011-79345251-2008

### 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 <sup>3</sup>	ASTM D1298 / ASTM D4052	866
Density at 15 °C, kg/m <sup>3</sup>	ASTM D1298 / ASTM D4052	869.3
Kinematic viscosity at 40 °C, mm <sup>2</sup> /s	ASTM D445	42.5
Kinematic viscosity at 100 °C, mm <sup>2</sup> /s	ASTM D445	6.5
Viscosity index	ASTM D2270	100
Pour Point, °C	GOST 20287 B	<-27
Flash Point, COC, °C	ASTM D92	220
Foaming (tendency/stability):	ASTM D892	
-at 24 °C, ml		10/0
-at 94 °C, ml		20/0
-at 24 °C after test at 94 °C, ml		0/0