

LUKOIL GEYSER ST

Series of high quality hydraulic oils

APPROVALS

Denison HF-0, HF-1, HF-2 (ISO VG 32, 46, 68)
Bosch Rexroth 90220 (ISO VG 32, 46, 68)
Danieli (ISO VG 32, 46, 68)
TMT (ISO VG 32, 46, 68)
Diplomatic
Palfinger
OJSC "Shakhty factory Hidroprivod" (ISO VG 22, 32, 46)
Voith Turbo (ISO VG 32, 46)
Engel (ISO VG 46)
Automa (ISO VG 46)
BelAZ (ISO VG 46)
SMS Siemag AG (SMS Demag AG) (ISO VG 46)
Krauss Maffei Berstorff (ISO VG 46, 68)
FELUWA Pumpen (ISO VG 46, 68)
HUSKY HS 207 (ISO VG 46)
Sulzer Pumps (type MD pumps)
ALTA (ISO VG 46)
LAEIS (ISO VG 46)

Kopex Machinery (ISO VG 32, 46, 68)
LOESCHE (ISO VG 46, 68)
SMT Scharf (ISO VG 32, 46)
FURUKAWA UNIC Hydraulic Cranes (ISO VG 32)
Eickhoff Bergbautechnik (ISO VG 46, 68, 100)
Ferrit s.r.o. (ISO VG 46)
Group HMS
Nasosy PPD
Turbonasos (ISO VG 68)

MEETS REQUIREMENTS

DIN 51524-1 HL, 51524-2 HLP
AFNOR NF E 48-603 (HM)
Eaton Vickers I-286-S
JCMAS HK
TMT (ISO VG 100)
Cincinnati Machine P-68 (ISO VG 32)
Cincinnati Machine P-69 (ISO VG 68)
Cincinnati Machine P-70 (ISO VG 46)

PRODUCT DESCRIPTION

LUKOIL GEYSER ST are industrial hydraulic oils with high level of refinement, excellent filtrability and air release performance.

LUKOIL GEYSER ST are manufactured using mineral oil with high viscosity index and advanced additive package. These oils are designed for use in hydraulic equipment, including ultrafiltration systems with a purification degree from 1 to 5 microns. They are suitable for severe operating conditions and protect equipment against wear and corrosion, offer excellent performance features, extend filter life and oil drain intervals, prevent

The product name in an order:

Hydraulic oil LUKOIL GEYSER ST 32, TU 0253-011-79345251-2008
 Hydraulic oil LUKOIL GEYSER ST 46, TU 0253-011-79345251-2008
 Hydraulic oil LUKOIL GEYSER ST 68, TU 0253-011-79345251-2008
 Hydraulic oil LUKOIL GEYSER ST 100, TU 0253-011-79345251-2008

system failures, as well as help to reduce operation costs due to saving on downtime.

LUKOIL GEYSER ST meet requirements of such customers as Severstal OAO, JSC «AVTOVAZ», etc. These oils are designed in close cooperation with world leading producers of additives and hydraulic equipment.

APPLICATION

LUKOIL GEYSER ST are used in industrial hydraulic systems and drives.

LUKOIL GEYSER ST 46 approved for use in the hydraulic system of BelAZ mining equipment at ambient temperatures from -10 °C to 40 °C.

TYPICAL TEST DATA

PROPERTY	Test method	LUKOIL GEYSER ST			
		32	46	68	100
ISO/DIN		HM/HLP	HM/HLP	HM/HLP	HM/HLP
Density at 20 °C, kg/m ³	GOST 3900 / ASTM D4052	868.9	875.2	881.9	886.7
Kinematic viscosity at 40 °C, mm ² /s	GOST 33 / GOST R 53708 / ASTM D445	31.53	46.12	62.78	101.4
Kinematic viscosity at 100 °C, mm ² /s	GOST 33 / GOST R 53708 / ASTM D445	5.15	6.69	8.04	11.5
Viscosity index	GOST 25371 / ASTM D2270	101	97	93	96
Flash Point, COC, °C	GOST 4333 / ASTM D92	232	239	252	252
Pour Point, °C	GOST 20287 B	-43	-37	-35	-31
Foaming Tendency/ Foam Stability					
-at 24°C, ml	ASTM D892	10/0	0/0	0/0	0/0
-at 94°C, ml		20/0	10/0	10/0	20/0
-at 24°C after test at 94°C, ml		0/0	0/0	0/0	0/0
Cleanliness levels	GOST 17216, ISO 4406	9 -/14/11	9 -/13/11	9 -/13/11	10 -/14/10

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".