

LUKOIL GEYSER ST PLUS 46

Hydraulic oil with extended drain interval

Specifications

- Bosch Rexroth RDE 90235
- Eaton Vickers E-FDGN-TB002-E
- JCMAS HK
- ASTM D6158 HM
- AIST 126/127
- Denison HF-0/HF-1/HF-2
- DIN 51524-2 (HLP)
- ISO 11158 (HM)
- SAE MS 1004
- Fives Cincinatti P-70

Product description

Hydraulic oil produced with base oils of group II and a specialized additive package. Designed to meet the most strict requirements of hydraulic equipment manufacturers. Due to its unique composition it has an excellent level of antioxidant properties and provides more than twice long drain interval compared to most zinc-containing mineral HLP-class oils. Able to work in harsh operating conditions, protecting equipment from wear and corrosion.

Application

Designed for use in industrial hydraulic systems and drives, including systems with ultrafiltration. It is especially recommended for hydraulic systems where a large amount of sludge and deposits form when using conventional mineral hydraulic oils.

Benefits

EXTENDED DRAIN INTERVAL

Reduces maintenance costs and reduces downtime

OXIDATION RESISTANCE

Excellent resistance to oxidation and corrosion

HIGH VISCOSITY INDEX

Stable viscosity across a broad temperature range

The product name in an order: Hydraulic fluid LUKOIL GEYSER ST PLUS 46, STO 79345251-292-2022

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 D1298 / ASTM D4052	853
Kinematic viscosity at 40 °C, mm ² /s	ASTM D445	44.5
Kinematic viscosity at 100 °C, mm ² /s	ASTM D445	7.1
Viscosity index	ASTM D2270	118
Pour Point, °C	GOST 20287 B	-43
Flash Point, COC, °C	ASTM D92	240
Foaming (tendency/stability):	ASTM D892	
-at 24 °C, ml		20/0
-at 94 °C, ml		20/0
-at 24 °C after test at 94 °C, ml		20/0
Cleanliness grade	GOST 17216 / GOST 31247	10
Oxidation stability by TOST, h	ASTM D943 / ISO 4263-1	>5500