

LUKOIL GEYSER LT ZF 46

Multigrade zinc-free hydraulic fluid

Specifications

- DIN 51524-3 (HVLP)

Product description

Multigrade hydraulic fluid with improved viscosity characteristics, designed to ensure stable operation of hydraulic systems at high pressure and different environmental conditions. It is based of high-quality base stock and advanced zinc-free additive package.

Application

Recommended for use as a working fluid in modern high-performance hydraulic systems of mobile equipment, in hydraulic systems of stationary equipment, including systems using servo valves with small gaps. The fluid is particularly effective when used at low temperatures and provides maximum efficiency and system protection. Due to zinc-free technology, the fluid maintains its filterability even when contaminated with water.

The product name in an order: Hydraulic fluid LUKOIL GEYSER LT ZF 46, STO 79345251-186-2019

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	851
Kinematic viscosity at 40 °C, mm ² /s	ASTM D445	42.4
Kinematic viscosity at 100 °C, mm ² /s	ASTM D445	7.9
Kinematic viscosity at -20 °C, mm ² /s	ASTM D445	2,099
Viscosity index	ASTM D2270	159
Pour Point, °C	GOST 20287 B	<-40
Flash Point, COC, °C	ASTM D92	232
Air release, min	ASTM D3427 / ISO 9120	5.8
Foaming (tendency/stability):	ASTM D892	
-at 24 °C, ml		0/0
-at 94 °C, ml		10/0
-at 24 °C after test at 94 °C, ml		0/0
Copper corrosion (3 h, 100°C)	ASTM D130	1B
Water separability at 54 °C	ASTM D1401 / ISO 6614	
-time for separation, min		5
-volume of lays (oil-water-emulsion), ml		40-40-0