

LUKOIL GEYSER HFDU 46

Highly flame-resistant hydraulic fluid

Specifications

- Danieli 0.000.001
- DIN 51502 HFDU
- ONORM C2027-HEES
- SMS group SN 180-2
- VDMA 24 568 HEES

Product description

Highly flame-resistant polyolester-based hydraulic fluid that meets the highest requirements for HFDU fluids. The product is characterized by its good ageing stability and excellent viscosity-temperature behavior. Product offers good workplace and environmental compatibility through good medical toxicity assessment in comparison to phosphoric acid ester.

Application

The product is suitable for the filling of hydraulic systems, for sliding and roller bearings, for use in light-alloy diecasting machines, furnace and fire doors, flame descaling machines, etc. in iron and steel works, rolling mills, foundry and forging industries. Recommended operating temperature -25 to +140 °C depending on pumps in use. Provides good compatibility with lacquers and sealing materials (based on fluorinated rubber, e.g. viton).

Benefits

WEAR PROTECTION

Excellent anti-wear properties

CORROSION PROTECTION

Provides low corrosion of ferrous and non-ferrous metals

GOOD ANTI-FOAMING PROPERTIES

Low tendency to foaming

The product name in an order: Hydraulic fluid LUKOIL GEYSER HFDU 46, STO 79345251-146-2018

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	916
Kinematic viscosity at 40 °C, mm ² /s	ASTM D445	45.8
Kinematic viscosity at 100 °C, mm ² /s	ASTM D445	9.3
Flash Point, COC, °C	ASTM D92	306
Autoignition point, °C	ASTM E659	412
Pour Point, °C	GOST 20287 B	-37