IUKOIL

LUKOIL GEYSER HFDU 68

Highly flame-resistant hydraulic fluid

Specifications

- Danieli 0.000.001
- DIN 51502-HFDU
- ONORM C2027-HEES

Product description

- SMS group SN 180-2
- VDMA 24 568 HEES

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 lightalloy 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 GOOD ANTI-FOAMING PROPERTIES Low tendency to foaming CORROSION PROTECTION Provides low corrosion of ferrous and non-ferrous metals

The product name in an order: Hydraulic fluid LUKOIL GEYSER HFDU 68, 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/m3	ASTM D1298 / ASTM D4052	920
Kinematic viscosity at 40 °C, mm2/s	ASTM D445	66.2
Kinematic viscosity at 100 °C, mm2/s	ASTM D445	12.2
Flash Point, COC, °C	ASTM D92	>290
Autoignition point, °C	ASTM E659	416
Pour Point, °C	GOST 20287 B	-36
Air release, min	ASTM D3427 / ISO 9120	5