

# LUKOIL GEYSER LTD 46

Multigrade hydraulic oil with detergent and dispersant properties

## MEETS REQUIREMENTS

**DIN 51524 p.3 HVLP** (except demulsifying properties)

## PRODUCT DESCRIPTION

**LUKOIL GEYSER LTD 46** is a hydraulic oil for special equipment with improved detergent, dispersing and emulsifying properties, which meets DIN 51524 p.3 HVLP-D standard requirements.

## APPLICATION

**LUKOIL GEYSER LTD 46** is designed in hydraulic systems in stationary and mobile machinery (weight-handling, agricultural, mining, road-construction, etc.), operated in a very wide range of temperatures and under conditions of increased pollution.

## BENEFITS

**LUKOIL GEYSER LTD 46** provides exceptional protection against wear and extends the life of system parts. Due to improved detergent properties the oil ensure the cleanliness of hydraulic systems. High viscosity index guarantees high resistance to oxidation and optimum viscosity at different operating conditions in different climatic zones for long periods of time.

**LUKOIL GEYSER LTD 46** prevents sludge formation in hydraulic systems and has excellent emulsifying properties and resistance to foaming and protection against corrosion.

The product name in an order:

Hydraulic oil LUKOIL GEYSER LTD 46, STO 79345251-010-2015

## TYPICAL TEST DATA

PROPERTY	Test methods	LUKOIL GEYSER LTD 46
Kinematic viscosity at 40 °C, mm <sup>2</sup> /s	GOST 33 / ASTM D445 / GOST R 53708	46
Kinematic viscosity at 100 °C, mm <sup>2</sup> /s	GOST 33 / ASTM D445 / GOST R 53708	8.78
Kinematic viscosity at 0 °C, mm <sup>2</sup> /s	GOST 33 / ASTM D445 / GOST R 53708	367.5
Kinematic viscosity at -20 °C, mm <sup>2</sup> /s	GOST 33 / ASTM D445 / GOST R 53708	2,168
Viscosity index	GOST 25371 / ASTM D2270	179
Pour Point, °C	GOST 20287	-40
Flash point, COC, °C	GOST 4333 / ASTM D92	222
Total base number, mg KOH / 1 g oil	GOST 11362	0.429
Water content, %	GOST 2477	absence
Mechanical impurities, %	GOST 6370	absence
Air release at 50 °C, min	ASTM D3427 / ISO 9120	4.0
Copper strip (M0 or M1 according GOST 859) corrosion (100 °C, 3 h)	GOST 2917 / ASTM D130	1a
Foaming tendency / foam stability		
-at 24 °C, ml	ASTM D892	0/0
-at 94 °C, ml		30/0
-at 24 °C after test at 94 °C, ml		0/0
Density at 15 °C, kg/m <sup>3</sup>	GOST R 51069 / ASTM D4052 / ASTM D1298	865.1
Density at 20 °C, kg/m <sup>3</sup>	GOST 3900 / ASTM D4052	863.7

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".