

# LUKOIL STABIO SYNTH 100

PAO-based synthetic compressor oil

## Specifications

- DIN 51506 VDL
- ISO 6521-1 DAB

## Product description

High quality synthetic compressor oil designed for use in severe operating conditions over a wide temperature range. Specialized additive package in combination with polyalphaolefin base oils provide excellent oxidation stability, resistance to deposits formation, low temperature properties, reliable protection of equipment against wear, low foaming tendency. Outperforms mineral oils in terms of performance properties and due to an extended drain interval, allows to optimize the cost of equipment operation.

## Application

The oil is designed for use in high-capacity screw and piston compressors operating in a wide range of ambient temperatures. It can also be used for bearing lubrication and in circulating lubrication systems.

## Benefits

### EXTENDED DRAIN INTERVAL

Reduces maintenance costs and reduces downtime

### OXIDATION RESISTANCE

Superior oxidation stability

### LOW-TEMPERATURE FLUIDITY

Demonstrates excellent low-temperature properties due to fully synthetic (PAO) base oil

The product name in an order: Compressor oil LUKOIL STABIO SYNTH 100, STO 79345251-361-2023

## 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 15 °C, kg/m <sup>3</sup>	ASTM D1298 / ASTM D4052	837.3
Kinematic viscosity at 100 °C, mm <sup>2</sup> /s	ASTM D445	14.2
Kinematic viscosity at 40 °C, mm <sup>2</sup> /s	ASTM D445	98.0
Pour Point, °C	ISO 3016	-53
Viscosity index	ASTM D2270	149
Flash Point, COC, °C	ASTM D92	252
Foaming (tendency/stability):	ASTM D892	
-at 24 °C, ml		0/0
-at 94 °C, ml		30/0
-at 24 °C after test at 94 °C, ml		0/0
Water Separability with distilled water [pH 5.4-6.6] at 82°C, oil-water-emulsion (40-37-3) Separation time	ASTM D1401	25
RPVOT, min	ASTM D2272	3,000