

## LUKOIL STABIO SYNTH 46

PAO-based synthetic compressor oil

### Specifications

- DIN 51506 (VDL)
- ISO 6521-2 DAJ

### 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

Designed for use in highly loaded vane and screw air compressors and turbochargers operating in a wide range of ambient temperatures. Also can be used for lubrication of bearings 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 46, 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	828
Kinematic viscosity at 40 °C, mm <sup>2</sup> /s	ASTM D445	47.4
Kinematic viscosity at 100 °C, mm <sup>2</sup> /s	ASTM D445	7.9
Viscosity index	ASTM D2270	137
RPVOT, min	ASTM D2272	3,000
Water separability at 54 °C	ASTM D1401 / ISO 6614	
-time for separation, min		10
-volume of lays (oil-water-emulsion), ml		40-40-0
Flash Point, COC, °C	ASTM D92	248
Foaming (tendency/stability):	ASTM D892	
-at 24 °C, ml		10/0
-at 94 °C, ml		10/0
-at 24 °C after test at 94 °C, ml		10/0
Pour Point, °C	GOST 20287 B	-60