

## LUKOIL INTEGO PREMIUM 100

High quality circulation lubricant for oil flooded bearings

### Approvals

- Danieli 0.000.001
- SMS group SN 180-2

### Meets requirements

- SMS group SN 180-4 (X-Roll Oil Bearing- Advanced Lubricant)
- JSC «EZTM»
- Morgan No-Twist Mill Oil

### Product description

High quality circulating oil designed to meet requirements SMS group, ESS (Danieli) for use in combined lubrication systems oil flooded bearings of rolling mills.

LUKOIL INTEGO PREMIUM 100 is formulated from high quality mineral base oils with high performance ashless additives package, which improves antioxidant, anticorrosion, demulsifying, antifoam behavior as well as increasing EP properties of the lubricants.

Product is recommended for use in high speed hydrostatodynamic oil film bearings of wire and jobbing mills, which are manufactured by Danieli, SKET and other.

### Benefits

#### HIGH DEMULSIBILITY

Rapid water separation minimizes corrosion and premature wear

#### OXIDATION RESISTANCE

High thermal and oxidation stability

#### WEAR PROTECTION

Excellent anti-wear properties

#### CORROSION PROTECTION

Provides low corrosion of ferrous and non-ferrous metals

#### LOW FOAMING

Improved antifoam properties

The product name in an order: Industrial oil LUKOIL INTEGO PREMIUM 100, STO 79345251-071-2015

### 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
Kinematic viscosity at 40 °C, mm <sup>2</sup> /s	ASTM D445	99
Kinematic viscosity at 100 °C, mm <sup>2</sup> /s	ASTM D445	11
Viscosity index	ASTM D2270	96
Flash Point, COC, °C	ASTM D92	247
Pour Point, °C	GOST 20287 B	<-10
Water Separability with distilled water [pH 5.4-6.6] at 82°C, oil-water-emulsion (40-37-3) Separation time	ASTM D1401	10
Tribological properties on four-ball machine: -Wear scar diameter, mm	GOST 9490	0.29
Corrosion influence on copper plate (3 hours at 120 °C)	GOST 2917	1a