

# LUKOIL INSO D15

Universal neat metalworking fluid

## PRODUCT DESCRIPTION

**LUKOIL INSO D15** – is based on highly purified mineral oil combined with advanced additive package, which provide high bearing capacity.

## APPLICATION

**LUKOIL INSO D15** – is designed for use as cooling fluids in metalworking processes (gear-hobbing, gear-grinding, turning, milling, deep drilling and sawing).

**LUKOIL INSO D15** – is intended for processing of the following materials: heat resistant, stainless, carbon and alloy steels. Not suitable for processing of the copper alloys

The product name in an order:

Metalworking fluid LUKOIL INSO D15, STO 79345251-107-2017

## BENEFITS

- Chlorine-free, heavy metals-free
- Environmental friendliness
- Low evaporation characteristics
- Effectively protects the operating tools against wear and corrosion
- Modern extreme pressure additives

## TYPICAL TEST DATA

PROPERTY	Test methods	LUKOIL INSO S32
Kinematic viscosity at 40 °C, mm <sup>2</sup> /s	ASTM D445/ISO 3104	15
Flash Point, COC, °C	ASTM D92	201
Density at 20°C, kg/m <sup>3</sup>	GOST 3900	849
Pour Point, °C	GOST 20287	-21
Colour	ASTM D1500	1,5
Appearance	-	Transparent liquid of yellow color

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".