

LUKOIL INSO GP 2015

General purpose neat metalworking fluid

Product description

Neat metalworking fluid produced on the basis of deeply refined mineral oil and a specialized package of chemically active and polar additives, providing excellent quality of machined surfaces and long tool life.

Application

Designed for machining high-alloy, stainless, acid- and heat-resistant steels, titanium and aluminum alloys, not recommended for copper-containing alloys. Suitable for various operations of hobbing, gear grinding, deep drilling with BTA heads, automatic turning, tapping, reaming, cutting and other operations requiring metalworking fluid with high content of active components.

Benefits

SUPERIOR WEAR PROTECTION

Excellent protection against wear at extreme conditions

CORROSION PROTECTION

Excellent anti-oxidation and anticorrosion properties

ENVIRONMENTAL PROTECTION

Chlorine-free

The product name in an order: Metalworking fluid LUKOIL INSO GP 2015, STO 79345251-269-2020

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
Appearance	-	Transparent light yellow colored liquid
Kinematic viscosity at 40 °C, mm ² /s	ASTM D445	15.6
Flash Point, COC, °C	ASTM D92	190
Pour Point, °C	GOST 20287 B	-17
Density at 20 °C, kg/m ³	ASTM D4052	855
Colour, units	ASTM D1500	1.0
Tribological properties on four-ball machine: -welding load, N	GOST 9490	5,204