

## LUKOIL INSO GP 3010

### High-performance general purpose neat metalworking fluid

#### Product description

Neat metalworking fluid produced on the basis of high quality base oils, synthetic esters and a package of specialized additives, providing excellent quality of machined surfaces and long tool life.

#### Application

Intended for high-speed light- and medium-loaded cutting operations, as well as in grinding, including high-speed grinding, with abrasives of any hardness. The product is suitable for work with non-ferrous metals as well as with all grades of ferrous metals. Allows to optimize the nomenclature of applied metalworking fluids.

#### Benefits

##### WEAR PROTECTION

Provides good lubrication properties, which allow to increase tool life, reduces production costs and defects

##### UNIVERSALITY

Suitable for ferrous and non-ferrous metals processing

##### CORROSION PROTECTION

Excellent anti-oxidation and anticorrosion properties

The product name in an order: Metalworking fluid LUKOIL INSO GP 3010, STO 79345251-267-2020

#### 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	-	Light yellow color homogeneous oily liquid
Kinematic viscosity at 40 °C, mm <sup>2</sup> /s	ASTM D445	10.2
Flash Point, COC, °C	ASTM D92	184
Colour, units	ASTM D1500	1.0
Copper corrosion on M1 mark, 3h, 80°C, no more	GOST 2917	1a
Pour Point, °C	GOST 20287 B	-26
Tribological properties on four-ball machine: -Wear scar diameter, mm	GOST 9490	0.36