

MWF LUKOIL INSO F5

High quality universal neat metalworking fluid

PRODUCT DESCRIPTION

MWF LUKOIL INSO F5 – low viscosity neat MWF based on group III base oil and synthetic esters. The formula is developed to meet the highest requirements of lubricants for use in high speed abrasive operations. Suitable for all types of abrasives, including CBN circles. Excellent thermal-oxidative stability of the product allows it to be used up to 3 times longer than conventional grinding and honing oils. The product contains a part of modern non-silicone surfactants, which act as antifoam deaerator, and demulsifier. The product provides excellent antifoam and deemulsifier characteristics.

APPLICATION

MWF LUKOIL INSO F5 especially suitable for honing and superfinishing operations. Can be used in centralized and in individual systems. Distinguishing feature of the product is full compatibility with all metals and high preservation properties due to the contains synthetic passivators, which forms a dense sorption film. This allows to effectively protect the processed parts for the period of interoperative storage and thereby significantly reduce the cost of defect.

BENEFITS

- Chlorine-free
- Special package of detergent additives
- Long tool life
- Provides the highest oxidative stability
- Meets modern environmental standards
- Contains a silicon-free antifoam additive
- Superior air release properties

The product name in an order:

Metalworking fluid LUKOIL INSO F5, STO 79345251-123-2017

TYPICAL TEST DATA

PROPERTY	Test methods	MWF LUKOIL INSO F5
Kinematic viscosity at 40 °C, mm ² /s	ASTM D445	5
Flash Point, COC, °C	ASTM D92	110
Pour Point, °C	GOST 20287 B	-35
Colour, units	ASTM D1500	1.5
Appearance	-	Homogeneous oily liquid light 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"