

LUKOIL FREO GP 2030

High quality synthetic metalworking fluid

Product description

Specialized synthetic metalworking fluid with excellent anti-corrosion properties and low tendency to foaming. Forms a stable solution even in case of mixing with water of high hardness.

Application

Intended for use in general machining operations (grinding, turning, milling, drilling, cutting, etc.) of light and medium loading. Can be used in centralized systems and individual machining centers. Processed materials: cast iron, low carbon and carbon steel, alloy steel.

Benefits

CORROSION PROTECTION

Excellent anti-corrosion properties

LOW FOAMING

The additives in the composition guarantee low foaming, including in systems with high supply pressure

EXCELLENT CLEANLINESS

Excellent cleaning properties help effectively remove sludge from the work area

The product name in an order: Metalworking fluid LUKOIL FREO GP 2030, STO 79345251-254-2020

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	-	Homogeneous oily liquid
Storage stability	GOST 6243 p.6	Pass
Corrosion preventing characteristics of 3% solution in water with total hardness of 4.6 mg-EQ/dm ³ for 2 h, points, not more than	DIN 51360-2	0
pH 3% solution in water of total hardness 4.6 mg-eq/dm ³	GOST 6243 p.4	9 - 10
Refractometer correction factor	-	1.6

Recommended concentration of emulsion

Operation type	Emulsion concentration, %
Abrasive	3-5
General machining	5-8