

LUKOIL FREO SP 2030 HT

High quality synthetic metalworking fluid

Product description

Specialized synthetic metalworking fluid developed for pipe industry. The product has excellent anti-corrosion properties even when used in a minimum concentration (2%), low tendency to foaming and forms a stable solution even in case of mixing with water of high hardness. The combination of biocidal and biostatic additives provides high resistance to both bacterial and fungal damage, so that the product does not lose its properties even after prolonged equipment downtime.

Application

Intended for use in electric welding mills, hydraulic presses and can be used for hydraulic testing of pipes. Also can be used for cutting processing operations of light and medium loading.

Benefits

CORROSION PROTECTION

Excellent anti-corrosion properties

LOW FOAMING

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

The product name in an order: Metalworking fluid LUKOIL FREO SP 2030 HT, STO 79345251-251-2020

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	9,0-9,8
Refractometer correction factor	-	1.1

Recommended concentration of emulsion

Operation type	Emulsion concentration, %
Grinding, turning	3-5
Hydrotesting	2-4