

## LUKOIL FREO SP 2031 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.

### 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

#### EXCELLENT CLEANLINESS

Excellent cleaning properties, no deposits on equipment and parts

#### 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 2031 HT, STO 79345251-274-2020

### 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 of solution	-	Clear light yellow liquid
Storage stability	GOST 6243 p.6	Pass
Corrosion preventing characteristics of 2% solution in water with 0,33 g/dm <sup>3</sup> NaCl for 24 h, points, not more than	DIN 51360-2	0
pH 3% solution in water of total hardness 4.6 mg-eq/dm <sup>3</sup>	GOST 6243 p.4	9-10
Corrosion preventing characteristics of 2% solution in water with total hardness of 4.6 mg-EQ/dm <sup>3</sup> for 2 h, points, not more than	DIN 51360-2	0
Refractometer correction factor	-	1.7