

# LUBRAL CUTTING 10NF

## CUTTING OIL

### DESCRIPTION

Cutting oil for non-ferrous materials (of the non-staining type), in severe working conditions, and ferrous materials of high and very high hardness.

### BENEFITS

- Increases the life of tools for cutting, drilling, threading, etc.
- Excellent lubrication and Extreme Pressure properties.
- Low smoke production.

- Thermal stability.
- Not stain.

### APPLICATIONS

- Cutting of stainless steels.
- Hard alloys for drilling and deep turning.
- Mainly used when we want a fine finish without staining on the piece.
- Cutting of copper, brass, bronze, aluminum, magnesium and their alloys.
- Steels of not very high hardness and in those of high hardness at low tool speeds.

### CHARACTERISTICS

TESTS	TEST METHOD	TYPICAL VALUE
Color	ASTM D-1500	1.5
Appearance	Visual	Bright
Density @20°C, g/ml	ASTM D-1298	0.88
Kinematic viscosity @ 40 °C, cSt	ASTM D-445	22
Kinematic viscosity @ 100 °C, cSt	ASTM D-445	4.4
Viscosity index	ASTM D-2270	109
Flash point COC, °C	ASTM D-92	180
Pour point, °C	ASTM D-97	-15
Resistance to rust formation	ASTM D-665	Pass
Espumación ml/min, max.	ASTM D-892	
Sequence I		20/0
Sequence II		50/0
Sequence III		20/0
4 balls wear, mm	ASTM D-4172	0.61

Typical Characteristics are those obtained with normal tolerance of production and no constitute a specification. Variations that do not affect the yield product during the normal manufacturing and on different mixing locations are expected.

Information contained in this document is held to changes without previous advisement. The availability of the products could vary depending on the location. For further information, contact [venta@lubral.com](mailto:venta@lubral.com)