



# MAKER IBERCUT 20 A PLUS

## Description

Pure cutting lubricating oil with high fluidity, formulated from Group III hydrocracked synthetic bases that provide high thermal stability, lower volatility and greater resistance to oxidation compared to mineral oils used for the same application.

Extreme pressure additive package specially developed for severe operations of cutting and machining of hard steels. It also has a good lubricity and film resistance, required in operations of high difficulty. It avoids phenomena of welding of chips and seizure of the tools, and maintaining at the same time a great cooling capacity.

It is especially suitable for operations such as tapping, threading or broaching of stainless steel of high hardness. Also, for gear cutting, milling and operations of high mechanical difficulty.

## Properties

- Recommended for hard steels.
- Excellent thermal stability, with low volatility and high resistance to oxidation.
- High flash point that allows its use without risks.
- Additives that help reducing the appearance of mists.
- Excellent antifoam qualities.
- Non-chlorinated product.
- To avoid the appearance of smoke, it is advisable to project an abundant and well-directed jet at the work area.

## Quality levels, approvals and recommendations

- ISO: 6743/7-L-MHE

## Technical specifications

	UNIT	METHOD	VALUE
Appearance	-	Visual	Clear and bright
Colour	-	ASTM D1500	1.5
Density at 15 °C	g/mL	ASTM D4052	0.841
Viscosity at 40 °C	cSt	ASTM D445	22.0
Viscosity at 100 °C	cSt	ASTM D445	4.7
Viscosity index	-	ASTM D2270	135
Pour point	°C	ASTM D97	-27
Flash point, open cup	°C	ASTM D92	228
Corrosion Cu, 3hrs 100 °C	-	ASTM D665	1a
Foams: Sec I, II, III formation	cm3	ASTM D892	20/20/0
Foams: Sec I, II, III, stability	cm3	ASTM D892	0/0/0
Noack volatility, 1h at 250 °C	% in weight	CEC L-40-93	11.9
EP properties SRV test, wear	mm	ASTM D6425	0.663

The above mentioned characteristics are typical values and should not be considered product specifications.