



MAKER IBERCUT 9 AM

Description

Very fluid pure cutting oil formulated with synthetic base oils and special additives that facilitate the grinding of steel and alloys. Excellent thermal stability and cooling capacity thanks to the nature of the base oils used. It prevents the formation of mists, chip welding and seizure.

It is advisable to clean the tanks well before using the new product.

Properties

- Provides excellent tool protection and prolongs useful life.
- Its great lubricity improves the finish of parts, prevents chip welding and seizure of tools.
- Incorporates special additives that minimize the appearance of oil mists.
- High capacity to separate from water.
- Excellent antifoam qualities.
- Non-chlorinated product.

Quality levels, approvals and recommendations

- ISO: 6743/7-L-MHF



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Technical specifications

	UNIT	METHOD	VALUE
Appearance	-	Visual	Clear and bright
Colour	-	ASTM D1500	0.5
Density at 15 °C	g/mL	ASTM D4052	0.836
Viscosity at 40 °C	cSt	ASTM D445	9.5
Viscosity at 100 °C	cSt	ASTM D445	2.6
Viscosity index	-	ASTM D2270	109
Pour point	°C	ASTM D97	-66
Flash point	°C	ASTM D92	168
Corrosion Cu, 3hrs 100 °C	-	ASTM D665	3b
Water separability at 54 °C	min	ASTM D1401	10
Foams: Sec I, II, III formation	cm ³	ASTM D892	10/10/10
Foams: Sec I, II, III, stability	cm ³	ASTM D892	0/0/0
TAN	mg KOH/g	ASTM D664	0.05
Noack volatility, 1h at 250 °C	% in weight	CEC L-40-93	73.6
Four ball machine test		ASTM D2783	
- Soldering load, IP239	kg		200
- Last load without seizing up	kg		100
- Load/wear index	-		43.2

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