Metalworking Oil

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

Technical specifications

	UNIT	METHOD	VALUE
Colour	-	ASTM D1500	0.5
Appearance	-	Visual	Clear and bright
Density at 15 ºC	g/cm3	ASTM D4052	0.836
Kinematic viscosity at 40 ºC	cSt	ASTM D445	9.5
Kinematic viscosity at 100 ºC	cSt	ASTM D445	2.6
Viscosity index	-	ASTM D2270	109
Flash point, open cup	ºC	ASTM D92	168
Foams: Sec I, II, III formation		ASTM D892	10/10/10
Foams: Sec I, II, III, stability		ASTM D892	0/0/0
Pour point	ºC	ASTM D97	-66
4 Ball EP, last load without seizing up	kg	ASTM D2783	100
4 Ball EP, wear load index	-	ASTM D2783	43.2
4 Ball EP, welding load	kg	ASTM D2783	200
Corrosion Cu, 3hrs 100 °C	-	ASTM D130	3b
Noack volatility, 1h at 250 °C	% in weight	CEC L-40-93	73.6
TAN	mg KOH/g	ASTM D664	0.05
Water separability at 54 °C	min	ASTM D1401	10

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