

Description

A pure, very liquid oil formulated with natural paraffin refined base oils and specially selected additives that provide the characteristics required for the general machining of steel and alloys. Ibercut 20-C is suitable for machining work when good cooling is required whilst maintaining a good finish. It is a good idea to clean the tanks well before using the new product.

Properties

- Its transparency and clear colour allow the machining work to be seen.
- Its excellent oiliness and good cooling prolong tool life and gives a good finish to pieces.
- Its high flash point reduces smoke and the risk of fire.
- Does not stain aluminium or copper parts.

Quality levels

- ISO 6743/7 category ISO-L-MHE

Technical specifications

	UNIT	METHOD	VALUE
Appearance			Light reddish yellow
Colour		ASTM D 1500	< 1.5
Density at 15 °C	g/mL	ASTM D 4052	0.870
Viscosity at 40 °C	cSt	ASTM D 445	27
Viscosity at 100 °C	cSt	ASTM D 445	4.9
Viscosity index		ASTM D 2270	100
Saponification index	mg KOH/g	ASTM D 94	12
Pour point	°C	ASTM D 97	-14
Flash point O/C	°C	ASTM D 92	190
Copper corrosion		ASTM D 130	1a
Four ball machine test - Soldering load	Kg	IP239	250
Rust A		ASTM D 665	Pass
Rust B		ASTM D 665	Pass

A safety data sheet is available on request.

repsol.com
+34 901 111 999

Technical data sheet for Lubricants. Revision 3. October 2013.