

Vulcut 2000LC

Heavy duty misting oil

Description

Vulcut 2000LC is a moderate to heavy duty lubricant formulated for the general machining and sawing of ferrous and non-ferrous metals. The high film strength of **Vulcut 2000LC** provides excellent lubrication characteristics without the need of chlorine, sulfur or phosphorous based additives. Based on renewable resources, **Vulcut 2000LC** is biodegradable and essentially non-toxic.

Performance Benefits

- High flash point and high viscosity index
- Works well in most Minimum Quantity Lubrication (MQL) systems
- Extends tool life
- Compatible with ferrous and non-ferrous metals
- Easily cleaned off for secondary operations such as heat treating or coating

Recommended Applications

	Cast Iron	Low-medium alloy steel	High alloyed steel/nickel-chromium alloys	Titanium alloys	Aluminum alloys	Yellow metals
Honing/Superfinishing	-	-	-	-	-	-
Grinding	-	-	-	-	-	-
Drilling	X	X	X	X	X	X
Broaching/Gear manufacturing	X	X	-	-	-	-
General machining	X	X	X	X	X	X

Characteristics

Properties	Unit	Test Method	Value
Appearance	-	Visual	Light blue liquid
Density @ 15°C	Lbs/gal	-	7.6
Viscosity @ 40°C	cSt	ASTM D446	39
Viscosity @ 100°F	SUS	ASTM D446	180
Flash Point	°F	ASTM D92	>400°F
Copper corrosion	3 hr at 100°C	ASTM D130	1a

	Ester	Active Sulfur	Inactive Sulfur	Phosphorous	Calcium	Chlorine	Zinc
Additives	X	-	-	-	-	-	-