

J-Cut 21

Multi-Purpose cutting oil

Description

J-Cut 21 is a premium quality multi-purpose, non-staining product formulated with a chlorinated performance additive. **J-Cut 21** also contains an oiliness additive for additional performance, especially on draggy, soft metals. It gives excellent performance on high speed heavy duty operations on most types of steels and non-ferrous metals. This product can also be used as gear oil, hydraulic oil, and general machine oil.

Performance Benefits

- Multi-metal capabilities – Does not stain aluminum, copper, brass or bronze
- Excellent performance on hard and soft metals
- High flash point, good oxidation stability and high viscosity index
- Eliminates cross contamination of oils – one oil works for cutting, hydraulics and gears

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	X		X	X
General machining	X	X	X	X	X	X

Characteristics

Properties	Unit	Test Method	Value
Appearance	-	Visual	Light amber liquid
Density @ 15°C	-	-	
Viscosity @ 40°C	cSt	ASTM D446	
Viscosity @ 100°F	SUS	ASTM D446	155
Flash Point	°F	ASTM D92	>350°F
Copper corrosion	3 hr at 100°C	ASTM D130	1b

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