

J-Cut 9529

Heavy duty cutting oil

Description

JCUT 9529 is an extremely high performance cutting oil employing overbased sulfonate chemistry in combination with traditional chlorinated extreme pressure additives and a special lubricity enhancer. This combination of chemistry yields extremely high performance in all metal cutting operations.

Performance Benefits

- Superior surface finish
- Anti-wear and extreme pressure additives extend tool life
- Suitable for use on all ferrous alloys as well as aluminum, brass and bronze
- Rapid defoaming properties minimizes oxidation

Recommended Applications

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

Characteristics

Properties	Unit	Test Method	Value
Appearance	-	Visual	Light amber liquid
Density @ 15°C	Lbs/gal	-	7.6
Viscosity @ 40°C	cSt	ASTM D446	21
Viscosity @ 100°F	SUS	ASTM D446	105
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	X	-