

J-Cut 55QT

Heavy duty cutting oil

Description

J-Cut 55 QT is a heavy duty dark cutting oil developed for difficult machining operations such as deep hole boring, gun drilling and trepanning. Extensive field experience has shown that **J-Cut 55 QT** gives exceptional production rates and extended tool life. The viscosity is designed to give maximum lubrication combined with the proper cooling and flushing of chips. **J-Cut 55 QT** does contain active sulfur and should not be used on non-ferrous metals because of staining.

Performance Benefits

- Superior surface finish
- Extended tool life
- Suitable for use on difficult to machine ferrous and exotic alloys

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	-	-
Broaching/Gear manufacturing	-	X	-	-	-	-
General machining	-	X	X	X	-	-

Characteristics

Properties	Unit	Test Method	Value
Appearance	-	Visual	Dark brown liquid
Density @ 15°C	Lbs/gal	-	7.6
Viscosity @ 40°C	cSt	ASTM D446	38
Viscosity @ 100°F	SUS	ASTM D446	182
Flash Point	°F	ASTM D92	>350°F
Copper corrosion	3 hr at 100°C	ASTM D130	4c

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