



## Product Bulletin

### J-Cut 21G

#### Premium Multi-Purpose Cutting Oil

#### Description

**J-Cut 21G** is a premium quality multi-purpose, non-staining product formulated with a chlorinated performance additive. **J-Cut 21G** 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

<b>Metal Removing Operation</b>	<b>Non Difficult</b> Sawing, Milling, Turning, Drilling, Boring	<b>Medium Difficult</b> Chasing, Forming, Grinding, Reaming, Tapping	<b>Very Difficult</b> Broaching, Form Grinding, Gear Cutting, Hobbing, Thread Grinding	<b>Special</b> Lapping, Honing, Thread Cutting, Deep Hole Boring, Trepanning
<b>Class I</b> Above 90% Machinability Low Carbon Steel	Yes	Yes	Yes	Yes
<b>Class I</b> 75 - 90% Machinability Carbon Steel	Yes	Yes		
<b>Class II</b> 50 - 75% Machinability Alloy Steel	Yes	Yes		
<b>Class III</b> Below 50% Machinability Special Alloy	Yes			
<b>Class IV</b> Above 100% Machinability Non Ferrous	Yes	Yes	Yes	Yes

#### Typical Characteristics

Appearance	Clear liquid
Viscosity @ 100F, SUS	170
Chlorine	Present
Flash point	>350°F

