



Product Bulletin

J-Cut 37CL Heavy Duty Cutting Oil

Description

J-Cut 37CL is a clear odorless sulfur and chlorine containing cutting fluid for use in a wide variety of operations on most types of steels. **J-Cut 37CL** contains an oiliness additive for additional performance. Since it contains active sulfur it will stain brass and bronze. This product is designed to handle difficult machining operations on difficult to machine metals. It is well suited for screw machining as well as milling, drilling and turning.

Performance Benefits

- Excellent performance on hard and very hard metals
- High flash point, good oxidation stability and high viscosity index

Recommended Applications

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

Typical Characteristics

Physical Property	Typical Value
Appearance	Clear Yellow
Odor	Bland
Density, lbs/gal	7.65
Viscosity, SUS @ 100°F	125
% Chlorine	1.2
% Sulfur	2.18