



# COOLANT CONTROL<sup>INC.</sup>

*The right chemistry...*

*...the right solution*

## Product Bulletin

### J-Cut 2000MH

#### Medium Duty Multi-Purpose Cutting Oil

#### Description

**J-Cut 2000 MH** is a moderate to heavy duty cutting oil based on a blend of chlorinated and inactive sulfurized based extreme pressure additives. It is also fortified with fat for wetting and extra lubricity. **J-Cut 2000 MH** is suitable for machining a wide variety of metals, both ferrous and non ferrous, at very cost effective levels.

#### 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

#### Recommended Applications

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

## Typical Characteristics

<b>Properties</b>	
Appearance	Clear yellow
Odor	Bland
Viscosity, SUS @ 100 °F	300
% Oiliness additive	5
Chlorine, wt%	2.3
Sulfur, wt%	0.6
Pounds per gallon	7.47
Flash Point, F	>350