



**COOLANT  
CONTROL** INC.

*The right chemistry...*

*...the right solution*

## Product Bulletin

### **J-Cut 9187**

#### **Low Viscosity Cutting Oil**

#### **Description**

**J-Cut 9187** was specifically developed for Swiss type high performance screw machines. The low viscosity of J-Cut 9187 allows it to effectively penetrate between the tool and work piece interface providing excellent surface finishes and tool life. This product is extremely high performance and is easily capable of performing gun drilling and form tapping on stainless as well as carbon steel. Experience has shown that an extremely high additive content is required to provide the surface finish and tool life required on these difficult operations. In the past this has only been accomplished by the addition of sump additives and tap ease. This product has been augmented with additional performance additives that will eliminate that practice.

#### **Performance Benefits**

- High additive content eliminates the need for tank-side additives such as tap ease
- 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**

Designed for use in Swiss type screw machines however due to the high levels of additives it also finds uses in drawing and stamping operations.

#### **Typical Characteristics**

<b>Property</b>	<b>Value</b>
Viscosity @ 100°F, SUS	90
Viscosity @ 40°C, cSt	19.43
Flash Point, COC, °F	310
Density, lbs/gal	7.84
Chlorine, %	10
Sulfur, % (inactive)	2.0
Appearance	Clear Yellow