



## Transparent Cutting Oil

Conoco Transparent Cutting Oil is a clear, nonstaining cutting oil developed for mild to moderate machining that requires a nonstaining fluid to permit view of the work piece. It is recommended for light machining of ferrous and non-ferrous metals, such as mild steel, brass, copper, aluminum and magnesium. It also can be used as a hydraulic fluid in machines in which the cutting oil and the hydraulic oil are drawn from a common sump.

### ***Applications***

- High-speed, low-feed-rate, precision machining, such as on automatic screw machines
- Turning, tapping and threading mild steel, copper and bronze
- Light machining of ductile iron
- General light machining in which the cutting oil serves as a hydraulic fluid
- Drilling and sawing

### ***Outstanding Features***

- Reduces inventory – one oil for most applications
- Nonstaining on both ferrous and non-ferrous metals
- Allows clear view of work piece
- Does not oxidize in service with proper maintenance
- Excellent surface finish
- Extends tool life
- Controls heat buildup
- Protects surfaces from rust and corrosion

**A Clear,  
Nonstaining,  
Multipurpose Oil  
For Ferrous And  
Non-Ferrous  
Metals**

**U.S. Technical  
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1-800-640-1956**

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**Transparent Cutting Oil**  
**Typical Properties**

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<b>ISO Grade</b>	<b>32</b>
Density (lb/gal)	7.34
Flash Point, (°F)	420
Pour Point, (°F)	0
Viscosity,	
cSt @ 40°C	32
cSt @ 100°C	5.4
SUS @ 100°F	148
SUS @ 210°F	44
Viscosity Index	100
Sulfur (wt %)	<0.01
Chlorine (wt %)	1.95
Copper Strip Corrosion Test	1A
ASTM Color	0.5

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Due to continual product research and development, the information contained herein is subject to change without notification.

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