



## Koolkut HD NC

Koolkut HD NC is a non-chlorinated, active cutting oil developed for moderate-duty machining of cast iron, steel and high-speed steel. It is specially formulated with high-quality base oils, oiliness additive and sulfur-containing extreme pressure additive that provide excellent lubricity and antiweld properties to extend cutting tool life and provide good surface finish.

Koolkut HD NC is transparent, allowing good observation of the machining operation. It is corrosive to non-ferrous metals, such as copper and copper alloys, and it is not recommended for machining non-ferrous metals if staining of the work piece must be avoided.

### **Applications**

- Boring
- Broaching
- Drilling
- Reaming
- Sawing
- Tapping
- Threading

### **Outstanding Features**

- Non-chlorinated for reduced environment impact
- Excellent performance in most difficult machining operations
- Extends tool life
- Good surface finish
- Transparent for good visibility of the machined part

**Non-Chlorinated  
Moderate-Duty  
Cutting Oil**

**U.S. Technical Services  
Hot line:  
1-800-766-0050**

**U.S. Customer Service:  
1-800-822-6457**

**International:  
+1-832-486-3363**

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**Koolkut HD NC**  
**Typical Properties**

<b>ISO Grade</b>	<b>32</b>
Specific gravity @ 15.6°C (60°F)	0.883
Density, lb/gal	7.35
Color, ASTM	6.0
Flash Point COC, °C (°F)	235 (455)
Pour Point, °C (°F)	-15 (5)
<b>Viscosity</b>	
cSt @ 40°C	30.0
cSt @ 100°C	5.0
SUS @ 100°F	155
SUS @ 210°F	43
<b>Viscosity Index</b>	<b>87</b>
Copper Corrosion, ASTM D130	1b
Fatty Oil, wt %	5.0
Chlorine, wt %	0
Sulfur, Active, wt %	2.05
Sulfur, Total, wt %	2.2

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

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