



Koolkut Transparent

Koolkut Transparent is a high quality, clear, nonstaining cutting oil developed for light to moderate-duty machining of ferrous and some non-ferrous metals, such as mild steel, ductile iron and aluminum. It is transparent for good visibility of the work piece during machining operations and is nonstaining to both ferrous and non-ferrous metals.

Koolkut Transparent is specially formulated with high quality, low-sulfur base oils and fortified with chlorinated paraffins that provide good antiweld properties and reduced friction at the chip-tool interface, resulting in extended tool life and good surface finishes on the machined parts.

Applications

- Automatic screw machines
- Drilling
- High speed, low feed rate precision machining
- Light- to moderate-duty machining of ductile iron
- Sawing
- Tapping and threading of mild steel
- Turning

Outstanding Features

- Multipurpose cutting oil for light- to moderate-duty machining operations
- Nonstaining to aluminum
- Transparent for good visibility of the machining operation
- Good antiweld properties
- Extended cutting tool life
- Good surface finish
- Controls heat buildup
- Good rust and corrosion protection

**High Quality,
Nonstaining,
Transparent
Cutting Oil**

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

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1-800-822-6457**

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

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Koolkut Transparent Typical Properties

ISO Grade	32
Specific gravity @ 15.6°C (60°F)	0.890
Density, lbs/gal	7.41
Color, ASTM D1500	1.5
Flash Point (COC), °C (°F)	216 (420)
Pour Point, °C (°F)	-21 (6)
Viscosity,	
cSt @ 40°C	30.6
cSt @ 100°C	5.3
SUS @ 100°F	158
SUS @ 210°F	44
Viscosity Index	100
Copper Corrosion, ASTM D130	1a
Chlorine, wt %	1.95
Total Sulfur, wt %	0.08
Active Sulfur, wt %	Nil
Fatty Oil, wt %	Nil

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

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