



Koolkut[®] Transparent

Koolkut Transparent is a high-quality, clear, nonstaining cutting oil developed for light- to medium-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 workpiece 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 medium-duty machining of ductile iron
- Sawing
- Tapping and threading of mild steel
- Turning

Features/Benefits

- Multipurpose cutting oil for light- to medium-duty machining operations
- Transparent for good visibility of the machining operation
- Good antiweld properties
- Helps extend cutting tool life
- Good surface finish
- Controls heat buildup
- Protects against rust and corrosion
- Nonstaining to aluminum

**Nonstaining,
Transparent
Cutting Oil**

Contact Information

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

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

International:
+1-832-486-3363

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Koolkut® Transparent Typical Properties

ISO Grade	32
Density, g/cm ³ @ 15.6°C (60°F)	0.890
Density, lbs/gal @ 15.6°C (60°F)	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
Fatty Oil, wt %	Nil
Sulfur, Total, wt %	0.08
Sulfur, Active, wt %	Nil

Health and Safety Information

For recommendations on safe handling and use of this product, please refer to the Material Safety Data Sheet via <http://w3.conocophillips.com/NetMSDS>.

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

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