



Koolkut® ACM

Koolkut ACM is a low-viscosity, chlorine-free, inactive cutting oil developed for light-duty machining of aluminum, copper, magnesium and other soft, non-ferrous metals. It is specially formulated with high-quality base oils to provide good cooling and wetting of the cutting tool and workpiece, while penetrating and protecting them against corrosion and the formation of oxides.

Koolkut ACM is clear, allowing good observation of the machining operation. It is noncorrosive to copper and copper alloys and nonstaining to aluminum, magnesium and other soft metals.

Applications

- Grinding
- Milling
- Rolling
- Turning

Features/Benefits

- Excellent performance in machining soft metals
- Noncorrosive and nonstaining
- Helps extend cutting tool life
- Good surface finish
- Chlorine-free for reduced environmental impact
- Clear for good visibility of the machining operation

**Chlorine-Free,
Light-Duty
Cutting Oil For
Aluminum,
Copper &
Magnesium**

CONTACT INFORMATION

**Phillips66
Lubricants.com**

U.S. Customer
Service:
1-800-368-7128

Technical Hotline:
1-877-445-9198

International
Customer Service:
1-832-765-2500

E-mail address:
**lubricants@
p66.com**



Koolkut® ACM

Typical Properties

ISO Grade	10
Specific Gravity @ 60°F	0.901
Density, lbs/gal @ 60°F	7.50
Color, ASTM D1500	1.5
Flash Point (COC), °C (°F)	154 (310)
Pour Point, °C (°F)	-57 (-70)
Viscosity,	
cSt @ 40°C	10.3
SUS @ 100°F	63
Copper Corrosion, ASTM D130	1a
Chlorine, wt %	Nil
Fatty Oil, wt %	Nil
Sulfur, Total, wt %	0.02
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://w3apps.phillips66.com/NetMSDS>.

Typical properties are average values only and do not constitute a specification. Minor variations that do not affect product performance are to be expected during normal manufacture, and at different blending locations. Product formulations are subject to change without notification.

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