



UltraLube® MQL Cutting Oil

Biobased Cutting Oil

Part No: 10670, 10671, 10672

DESCRIPTION

UltraLube MQL (Minimum Quantity Lubricant) Cutting Oil is high performance cutting oil specially formulated to achieve high production and low mists and smoke.

APPLICATIONS

- ▶ General purpose cutting and grinding fluid
- ▶ Milling, tapping and reaming
- ▶ Gear cutting, broaching, gun drilling and screw machining
- ▶ Sanding, shearing and more

BENEFITS

- ▶ Eliminate wet, messy flood coolants
- ▶ Superior lubricity maximizes feed rates and improves productivity
- ▶ Reduces chip welding so tools remain free cutting
- ▶ Less dangerous mists that are harmful to operators
- ▶ Safe for all metals
- ▶ Non-staining
- ▶ Eliminate formation of rust on parts and machines
- ▶ Reduce smoke
- ▶ Eliminates need for precise mixing and temperature control
- ▶ Helps your business comply with ISO-14000
- ▶ Does not contain toxic chemicals

TYPICAL PROPERTIES

Property	Method	Value
Appearance	Visual	Light Yellow
Base Oil Viscosity at 40°C (cSt)	ASTM D-445	40
Base Oil Viscosity at 100°C (cSt)	ASTM D-445	8.5
Flash Point °C (°F)	ASTM D-92	310 (590)
Fire Point °C (°F)	ASTM D-92	348 (658)
Pour Point °C (°F)	ASTM D-97	-20 (-4)
Four Ball Wear Scar (mm)	ASTM D-4172	0.30
Pin & Vee Block Test (lbs)	ASTM D-3233A	>3,335
Non-Staining	ASTM D-130-56	1B
Base Oil Biodegradability	OECD	Pass
Base Oil Aquatic Toxicity	Daphnia Magna	Non-toxic

PACKAGING

1-gallon

5-gallon

55-gallon

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