



Low Viscosity (24 cSt) Cutting Oil

Biobased Low Viscosity Cutting Oil

Part No: 10655, 10656, 10657

DESCRIPTION

UltraLube Low Viscosity Cutting Oil is a light viscosity high performance cutting oil. Formulated with the best optimized natural seed oils and select additives, it surpasses the lubricity and performance of conventional metalworking fluids.

APPLICATIONS

- ▶ General purpose cutting and grinding fluid
- ▶ Specifically suited for high pressure applications
- ▶ Milling, tapping and reaming
- ▶ Gear cutting, broaching and screw machining
- ▶ Gun drilling
- ▶ Sharpening high-speed steel and carbide cutting tools

BENEFITS

- ▶ Improves surface finishes in machining and grinding operations
- ▶ Superior lubricity maximizes feed rates and improves productivity
- ▶ Reduces chip welding so tools remain free cutting
- ▶ Cooler operating and less smoke allow higher operating speeds
- ▶ Less mist generation
- ▶ Safe for all metals
- ▶ Non-staining
- ▶ Improves centricity, accuracy and part run-out
- ▶ Improves part quality by reducing tool or wheel pressure
- ▶ Helps your business comply with ISO-14000
- ▶ Does not contain chlorine
- ▶ High flash and fire points

TYPICAL PROPERTIES

Property	Method	Value
Appearance	Visual	Light Yellow
Base Oil Viscosity at 40°C (cSt)	ASTM D-445	25.05
Base Oil Viscosity at 100°C (cSt)	ASTM D-445	5.24
Flash Point °C (°F)	ASTM D-92	230 (448)
Pour Point °C (°F)	ASTM D-97	-22 (-8)
Four Ball Wear Scar (mm)	ASTM D-4172	0.40
Pin & Vee Block Test (lbs)	ASTM D-3233A	>2902
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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