



Product Data

Performance Biolubes BioMQL

Cutting Oil for MQL Applications

Description

Castrol *Performance Biolubes* MQL (Minimum Quantity Lubricant) is a high-performance cutting oil formulated to excel in high production rate conditions with minimum quantity application setup. It offers extremely low mist and smoke benefits to optimize worker acceptance.

Applications

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

Advantages

- Superior lubricity maximizes feed rates and improves productivity
- Reduces chip welding so tools maintain a free cutting surface
- Minimizes mists to maximize operator acceptance and eliminate the need for smog hog equipment
- Safe for all metals
- High polarity allows for uniform surface coating virtually eliminating formation of rust on parts and machines
- Reduces smoke
- Produces clean, dry chips for the recycling process
- Eliminates need for precise mixing and temperature control.
- Will help your business comply with ISO-14000
- Minimizes disposal costs

Usage Recommendations

TYPICAL PROPERTIES	Value	Test Method
Appearance	Light Yellow	Visual
Viscosity @40°C, cSt	40	CN-TM-101
Viscosity @100°F, SUS	186	CN-TM-101
Flash Point, °C (°F)	310 (590)	
Fire Point, °C (°F)	348 (658)	
4-Ball Wear, mm	0.30	ASTM D 4172
Pin & Vee Block Test	>4500 lbs	ASTM D 3233A
Pour Point, °C	-20 (-4)	ASTM D 97
(°F)Copper Corrosion	1b	ASTM 130-56

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Castrol Industrial North America Inc. 150 West Warrenville Road, 603-1E Naperville, IL 60563
Tel: (877) 641 1600 Fax: (877) 648 9801

