



Performance Bio™ NC MQL

Cutting Oil for MQL Applications

Description

Castrol Performance Bio™ NC MQL (Minimum Quantity Lubricant) (previously called Performance Biolubes™ Bio MQL) 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

Application

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

Advantages

- High levels of lubricity maximize 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.
- Minimizes disposal costs

Typical Characteristics

Name	Method	Units	Performance Bio NC MQL
Appearance	CN-TM-007	-	Light Yellow Liquid
Viscosity, Kinematic @ 40°C	ASTM D 445	cSt	37 - 46
Specific Gravity @ 15°C	CN-TM-084	g/cm ³	0.90 - 0.94
Flash Point, PMCC	ASTM D 92	°C	278 - 284
Copper Corrosion	ASTM D 130	-	1b

Subject to usual manufacturing tolerances

Storage

To avoid product deterioration always keep the container/drum tightly sealed. Store the product in a cool, dry place away from direct sunlight. Prevent exposure to frost and avoid water ingress. For optimum product stability, it is preferable to store the product indoors between 5°C and 45 °C / 41°F and 113°F.

For more details, please refer the product safety data sheet.

This product was previously called Performance Biolubes Bio MQL. The name was changed in 2015.

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