

POINT GUARD MC LX PREMIUM

Tech Sheet



Description:

Point Guard MC LX Premium is the premiere bio-stable machining and grinding micro emulsion fluid designed for the multitude of tasks required in all types of CNC-type machining applications. This micro emulsion fluid has the unparalleled cooling characteristics of a water-soluble coolant, with the load carrying properties of a high-performance cutting oil. It can be used for a full spectrum of applications: light duty to heavy duty, aluminum to stainless steel, grinding to broaching. Point Guard MC LX Premium has proven effective for all CNC applications where a water-soluble, high-performance coolant is preferred. Point Guard MC LX Premium excels in high-pressure delivery systems due to its low foam and heat dissipation characteristics. It has unparalleled resistance to bacteria and mold, resulting in sump life that could be measured in years.

Benefits:

- Excellent cooling and lubricity properties
- Operator/environment friendly
- Extended tool life
- Excellent anti-foam characteristics
- No nitrites, silicones, or heavy metals
- Easy emulsification
- Excellent hard water stability
- Rust protection for both parts & machine
- Excellent EP
- Easy removal from part with water
- Maximum penetration and heat dissipation for micromachining and deep-hole drilling

Properties:

Point Guard MC LX Premium provides excellent bio-stability while imparting excellent corrosion protection and lubrication. Since this product is free of fatty acids, there will be no soap scum with hard water.

Point Guard MC LX Premium is an amber liquid with the following properties:

Specific gravity @ 60°F: .94

Pounds/Gallon: 8.21

pH 5% emulsion: 9.2

Falex 5% emulsion: 2000/50

Emulsion stability: No oil or cream

Application:

Point Guard MC LX Premium is designed for circulating systems associated with CNC type machines or with flooded work systems. Suggested dilution ratios are 2% to 20% depending on application as far (as severity of operation and metal hardness).

Packaging:

Point Guard MC LX Premium is available in 5-gallon pails, 55-gallon drums, 275-gallon totes, and bulk.

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