



GLOC-7000 EPX

Premium Extreme Pressure Bio-Stable Soluble Oil Cutting and Grinding Fluid Concentrate

DESCRIPTION

Product Data

GLOC-7000 EPX is a heavy duty extreme pressure coolant free from sulfur and phosphorous additives, and has excellent hard water stability. **GLOC-7000 EPX** was developed with specialty additives and raw materials combined together to create one of our finest series of cutting and grinding fluids. **GLOC-7000 EPX** has Bio-Stable additives and anti-oxidants combined with special lubricity agents and base oils to naturally resist biological degradation. **GLOC-7000 EPX** is very effective on aerospace and automotive hard or soft grade aluminum and galvanic metals, which leaves a shiny surface finish. **GLOC-7000 EPX** is also a very universal product which enables it to easily cover a multitude of difficult machining and grinding of ferrous and non-ferrous metals.

KEY PERFORMANCE BENEFITS

- Proven formula to reduce and control foaming*
- High performance all-purpose coolant*
- Excellent chip/fines settling properties*
- Unique tool/wheel performance*
- Extended tool life*
- Excellent rust protection*
- High degree of operator acceptance*
- Good Bio-stability and superior resistance to rancidity*

TYPICAL PRODUCT APPLICATIONS

GLOC-7000 EPX was developed for any type of ferrous to non-ferrous metals, such as stainless, nickel, vanadium, bronze, inconel, cast as well as nodular iron and tool sheets, such as FX, P20, M1, M2, H13 and C4130. The list is endless, including many other difficult to machine exotic type metals. **GLOC-7000 EPX** is equally recommended for large central systems, as well as for individual sumps.

METALWORKING FLUIDS * AIRCRAFT * INDUSTRIAL * AUTOMOTIVE

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TYPICAL PHYSICAL AND CHEMICAL CHARACTERISTICS

Appearance	Clear Blue Liquid
Hard Water Solubility	Good
API Gravity, 60°F	9.0
Specific Gravity at 60°F	1.01
Density (LBS/GAL)	8.65
Flash Point, COC, F	None
pH at 5% Vol. in tap water	9.4
Odor	Mild

To obtain samples please contact our customer service representative.

CONCENTRATION CONTROL

Please refer to the conversion chart

CONCENTRATION	3% (1:33)	5% (1:20)	7% (1:15)	10% (1:10)
REFRACTOMETER READING	2.8	4.8	6.8	9.8

Refractometer concentration charts have been prepared in dilutions using de-ionized (DI) or distilled water. Different types of water can have a significant effect on refractometer readings of coolant samples. It may be necessary to prepare your own chart using plant water.

RECOMMENDED DILUTIONS

General Machining:	20:1	to	40:1
Milling, Drilling & Turning:	10:1	to	20:1
Tapping, Threading, Reaming & Boring	10:1	to	15:1
Aluminum & Stainless	10:1	to	20:1
Grinding – ID, OD & Center less	20:1	to	30:1
Blanchard: Segmented wheel grinding	25:1	to	30:1
Sawing	10:1	to	20:1

Storage/Handling/Disposability

No health or safety hazards exist when **GLOC-7000 EPX** metalworking fluids are stored, used and disposed of in accordance with instructions given on the Material Safety Data Sheet for this product.

Gloc-7000 EPX cf-1025