



GLOC-PGI Semi-Synthetic Machining Coolant

DESCRIPTION

Product Data

GLOC-PGI Semi-Synthetic Coolant is a Semi-Synthetic Concentrate designed for use on ferrous or non-ferrous applications with excellent hard water stability. **GLOC-PGI Semi-Synthetic Coolant** has superior cooling and wetting properties that result in longer tool and wheel life. **GLOC-PGI Semi-Synthetic Coolant** also has excellent lubricity and extreme pressure (EP) additives, which provide excellent surface finish on machine parts. In machining applications recommended usage is 3% to 10%.

KEY PERFORMANCE BENEFITS

- High performance all purpose coolant**
- Excellent for use as a standard coolant**
- Excellent chip/fines settling properties**
- Effective cooling with high lubricity**
- Unique tool / wheel performance**
- Low foam performance**
- Extended tool life and rust protection**
- Good Bio-stability and superior resistance to rancidity**
- High degree of operator acceptance**
- Transparent (to see) in work place**

TYPICAL PRODUCT APPLICATIONS

GLOC-PGI Semi-Synthetic Coolant was developed for any type of ferrous to non-ferrous metals such as stainless, nickel, aluminum, vanadium, bronze, inconel, cast as well as nodular iron and tool steels such as FX, P20, M1, M2, H13 and C4130. **GLOC-PGI Semi-Synthetic Coolant** covers a multitude of usually difficult machining and grinding operations. **GLOC-PGI Semi-Synthetic Coolant** is equally recommended for large central systems as well as for individual sumps. **GLOC-PGI Semi-Synthetic Coolant** may also be used for machining of most plastics and glass.

METALWORKING FLUIDS * AIRCRAFT * INDUSTRIAL * AUTOMOTIVE

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TYPICAL PHYSICAL AND CHEMICAL CHARACTERISTICS

Color	Golden - Amber
Appearance	Clear, Liquid
Odor	Characteristic
Specific Gravity	1.0326
pH 10:1 solution	8.90 - 9.80
Density (LBS/GAL)	8.6015
Foam Height	Low
Hard Water solubility	Good

To obtain samples please contact our customer service representative.

CONCENTRATION CONTROL

Please refer to the conversion chart

CONCENTRATION	3% (1:30)	5% (1:20)	10% (1:10)	2% (1:40)
REFRACTOMETER READING	1.8	2.4	4.9	1.2

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	35:1
Sawing	10:1	to	20:1

The outstanding physical characteristics of this product coupled with the cost / performance ratio justify looking at replacing your present *Semi-Synthetic Coolant*.

Storage/Handling/Disposability

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

GLOC-PGI Semi-Synthetic Coolant cf-1520