



GLOC-GRIND SYN CARB CLEAR

Heavy Duty Biodegradable Coolant

DESCRIPTION

Product Data

GLOC-GRIND SYN CARB CLEAR is a biodegradable concentrate fluid with exceptional hard water stability and low foam characteristics. **GLOC-GRIND SYN CARB CLEAR** rejects oil based materials, which improves machine cleanliness and coolant sump life. **GLOC-GRIND SYN CARB CLEAR** contains no nitrites, phenols, chromates, active sulphur or phosphorous. **GLOC-GRIND SYN CARB CLEAR** has a buffered pH which provides excellent stability over wide dilution ratios resulting in higher operator acceptance. **GLOC-GRIND SYN CARB CLEAR** can be used on aluminum, carbon steel, stainless steel and other alloys. **GLOC-GRIND SYN CARB CLEAR** is inhibited to resist cobalt leaching when using carbide-grinding wheels.

KEY PERFORMANCE BENEFITS

Formulated to inhibit corrosion when diluted to 40:1
Excellent for use as a standard coolant
Excellent chip/fines settling properties
Unique tool / wheel performance
Low foam performance
Extended tool life, excellent 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-GRIND SYN CARB CLEAR was developed for aluminum, stainless steel, carbon steel and other alloys. It covers a multitude of usually difficult machining and grinding operations. **GLOC-GRIND SYN CARB CLEAR** is equally recommended for large sumps (central systems) as well as for individual sumps.

METALWORKING FLUIDS * AIRCRAFT * INDUSTRIAL * AUTOMOTIVE

GREAT LAKES OIL COMPANY, INC.

1657 Mentor Avenue, Suite 1A
Painesville, Ohio 44077-1749
Main Line: 1.440.352.9050 Fax # 1.440.639.8010
USA Toll Free 1(800).352.9050
Web page: www.greatlakesoil.com
E-mail: glocsales@greatlakesoil.com

Gloc- Grind Syn Carb CLEAR CF-5050

TYPICAL PHYSICAL AND CHEMICAL CHARACTERISTICS

Color	Clear
Appearance	Liquid
Odor	Characteristic
Specific Gravity	1.04
pH 10:1 solution	9.00-9.90
Density (LBS/GAL)	8.679
Foam Height	Low Foaming
Hard Water solubility	Exceptional

To obtain samples please contact
our customer service representative.

CONCENTRATION CONTROL

Please refer to the conversion chart

CONCENTRATION	(1:20)	(1:30)	(1:40)
REFRACTOMETER READING	2.0	1.5	1.0

RECOMMENDED DILUTIONS

General Machining:	20:1	to	40:1
Milling, Drilling & Turning:	10:1	to	15:1
Aluminum, Carbon Steel & Stainless Steel	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 coolant with [GLOC Grind Syn Carb Clear](#).

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.

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