



Product Information Flyer

DESCRIPTION

CIMTECH GL 2015 metalworking fluid recommended for glass grinding.

APPLICATION

CIMTECH GL 2015 has a specially formulated lubricant that not only provides lubrication to increase diamond wheel life in the grinding operation, but also aids rapid glass fine settling to improve filtration. CIMTECH GL 2015 is not recommended for leaded glass.

FEATURES & BENEFITS

PREVENTS SOLIDIFICATION OF GLASS FINES:

Glass fines settle quickly and form a soft slurry, facilitating easier cleanout of the grinder tanks. This minimizes downtime, increases product output and lowers manufacturing costs. This characteristic also helps prevent glass fine packing and build-up on machine surfaces, rollers and parts handling equipment.

LOW FOAMING PROPERTIES:

This product is designed to be low foaming in small and undersized machine sumps where fluid agitation is often high. It is well suited for edge grinding equipment that supplies coolant via a vacuum system.

EXCELLENT SETTLING PROPERTIES:

Even the smallest glass fines settle rapidly preventing recirculation to the grinding area.

SUPERIOR COOLING PROPERTIES:

Dissipates heat generated during grinding and prevents burning.

EXCEPTIONALLY GOOD BACTERIA AND MOLD CONTROL:

No offensive odors caused by excessive bacteria. Long fluid life, minimizes concentrate usage and downtime.

RECOMMENDED STARTING DILUTIONS

CIMTECH GL 2015 is to be mixed with water for use. Always add concentrate to water. Fluid may be more difficult to mix when water temperature is below 55°F (13°C). Add no other materials to the concentrate or mix unless approved by your CIMCOOL® Territory Manager.

Edge Grinding, Surface Grinding, Beveling	2%	(1:50)
Lens Generating, Lens Polishing	5%	(1:20)

CONCENTRATION

BCG Titration, Total Alkalinity, CIMCHEK™ Test Strip or Refractometer can be used.

The Refractometer Factor is 2.3

Multiply the scale reading obtained on your CIMCOOL® Refractometer by this factor to obtain the mix concentration in percent. Calibrate the refractometer so that it reads 0.0 with water before testing the sample mix. Remove gross contaminants from the sample mixes before testing. A refractometer is only recommended for use in checking the concentration on a fresh charge.

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid

Solubility in water: 100% miscible

Viscosity (SUS) @ 100° F (38°C): 35

pH Concentrate: 10.1

Total Chlorine/Chloride, wt%: 0.0/0.04

Silicones: None

Appearance and Odour: Clear/Chemical

Weight, lb/gal, 60°F (15.6°C): 9.1

Flash Point /Sp.Gr./Boiling Point: SEE MSDS

pH Mix 2%, Typical Operating: 8.8

Total Sulfur, wt%: 0

HANDLING and STORAGE

If frozen, thaw completely at room temperature. Inside storage is recommended.

SAFETY DATA SHEET

Available at www.cimcool.ca

For additional information refer to its WHMIS MSDS, website or contact CIMCOOL® Technical Services at 1-513-458-8199 in Ohio or 1-888-254-1919 in Canada.

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