



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 facilitates 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. Add no other materials to the concentrate or mix unless approved by your CIMCOOL® District Manager.

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

CONCENTRATION:

An BCG Titration, Total Alkalinity 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.

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES:

Physical State: Liquid

Solubility in water: 100% miscible

Viscosity (SUS) @ 100°F: 35

pH Concentrate: 10.1

Total Chlorine/Chloride, wt%: 0.0/0.04

Silicones: None

Appearance and Odor: 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.com

For additional information refer to its OSHA MSDS, website or contact your local CIMCOOL TECHNICAL SPECIALIST OR DISTRICT MANAGER, or you may contact CIMCOOL® Technical Services at 1-513-458-8199.

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