

CIMCOOL®

METALWORKING FLUIDS

CIMTECH® GL 2020

LOW-FOAMING SYNTHETIC, GLASS GRINDING FLUID

APPLICATIONS	<p>CIMTECH® GL 2020 is a synthetic fluid for glass grinding and polishing. CIMTECH® GL 2020 is low-foaming, rapid settling and keeps glass fines from solidifying. It is very resistant to attack by bacteria and mold.</p> <p>CIMTECH® GL 2020 can also be used for mirror applications, including edge grinding, beveling and polishing.</p> <p>CIMTECH® GL 2020 provides important process benefits, such as excellent lubricity and cleanliness. CIMTECH® GL 2020 provides excellent non-ferrous corrosion protection for copper backed and nickel-plated mirrors.</p> <p>CIMTECH® GL 2020 contains special non-hazardous chemical compounds that allow rapid glass fine settling, without allowing these fines to solidify in grinder sumps. Machines, as a result, are cleaner and easier to clean out, which minimizes down-time, increases production output and lowers manufacturing costs.</p> <p>Materials: Ordinary Glass, Leaded Glass</p> <p>Duty Range: For light to moderate-duty operations</p>
FEATURES & BENEFITS	<p>EXCELLENT LUBRICITY - Extends diamond wheel life and provides excellent finish in polishing operations</p> <p>VERY CLEAN - Keeps machines and process equipment clean - Product residues are non-tacky and can be rinsed off easily</p> <p>EXCELLENT COPPER CORROSION CONTROL - Contains special inhibitors to prevent staining and corrosion of the copper backing on mirrors.</p> <p>EXCELLENT SETTLING - Rapid settling of glass fines prevents recirculation and keeps the fluid clean - Glass fines remain loose and will not hard pack</p> <p>EXCELLENT MICROBIAL CONTROL - Provides excellent bacteria and mold control - Prevents biological odors from developing</p> <p>LOW-FOAM AND MIST - Extremely low-foaming to prevent spill-over from tanks and to prevent pumps from cavitating - This product is designed to not entrain air and to be low-misting</p>

RECOMMENDED STARTING DILUTIONS	<p>FOR INDUSTRIAL USE ONLY Recommended Starting Dilution: 2% (1:50) Typical Operating Range: 1.0% (1:100) to 3% (1:33) For concentrations outside this range contact CIMCOOL® Technical Service at 513-458-8199.</p> <p>CIMTECH® GL 2020 is to be mixed with water for use (add concentrate to water). Add no other substances to the concentrate or mix unless approved by CIMCOOL® Technical Services.</p> <p>For concentration analysis, use the Total Alkalinity Titration Procedure, CIMCHEK™ Test Strip, or Refractometer.</p>
TYPICAL PHYSICAL AND CHEMICAL PROPERTIES	<p>Physical state: Liquid Appearance and odor: Clear / Chemical Colors available: Undyed Solubility in water: 100% Miscible Weight, lb/gal, 60°F (15.6°C): 9.10 Specific gravity, (H₂O = 1): 1.09 Boiling point, °F (°C): 212 (100) Flash point, COC, °F (°C): None, Self Extinguishing Fire point, COC, °F (°C): None, Self Extinguishing Freezing point (or pour point), °F, (°C): 28 (-2) If frozen, thaw completely at room temperature. pH, concentrate: 9.7 pH, 2.0% mix, typical operating conditions: 8.9 Total chlorine / chloride, wt%, calculated: 0.001 / 0.1185 Total sulfur, wt%, calculated: 0.008 Silicones: None</p>
PACKAGING	Available in 5-gallon pails, 55-gallon drums, and bulk containers.
<p>REFRACTOMETER FACTOR = 4.2 Multiply the scale reading obtained on your CIMCOOL® Metalworking Fluid or other acceptable refractometer by the Refractometer Factor to obtain the mix concentration in percent.</p> <p>NOTE: Calibrate the refractometer so that it reads 0.0 with water, before testing the sample mix. Remove gross contaminants from the sample mix before testing.</p>	
<p>For additional information concerning CIMTECH® GL 2020, refer to its OSHA MSDS or contact CIMCOOL® Technical Services at 1-513-458-8199. Reprints/Updates of this Product Information Flyer (PIF) can be found on our web site, WWW.CIMCOOL.COM or from your Milacron representative.</p> <p>Minor formulation changes or normal variations in the manufacture of this product may cause slight variances in the data presented on this sheet. Consumable Products Division/ Milacron Marketing Company Cincinnati, Ohio 45209</p> <p>PC-9982 12/2/05</p>	

