



CIMTECH[®] 320Z

InSol[™] Technology



AEROSPACE,
MEDICAL, DEFENSE

DESCRIPTION

CIMTECH 320Z with InSol Technology is a non-oil containing metal working fluid with a near neutral pH

- Designed for the Aerospace industry
- Recommended for moderate to heavy/severe duty machining and grinding operations, including creep feed grinding on non-ferrous or ferrous metals

APPLICATION

- Designed for use on wrought and cast aluminum alloys, cast iron, nodular iron, carbon steels, stainless steels, titanium and other exotic alloys except magnesium alloys.
- It is especially suited for high pressure and through-the-tool coolant delivery systems



APPROVALS

- AIRBUS ABR 9-0204 Issue 2
- BOEING BAC 5008, Revision U, areas 5 and 6
- BOMBARDIER BAMS 569-001, Revision B
- LOCKHEED MARTIN
- MESSIER-BUGATTI-DOWTY
- PRATT & WHITNEY PMC #9343
- SNECMA

FEATURES & BENEFITS

- Excellent lubricity, tool life and surface finish
- Very low foaming even when used with de-ionized water
- Provides excellent parts visibility
- Low misting and carry off
- Rejects tramp oil which extends sump life
- Excellent rancidity control
- Minimal need for additives
- Significant productivity gains over competitors

RECOMMENDED STARTING DILUTIONS

CIMTECH 320Z 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[®] Technical Services Specialist.

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|-------------|----------|----------------|
| • Grinding | 5% - 10% | (1:20 to 1:10) |
| • Machining | 5% - 10% | (1:20 to 1:10) |

CONCENTRATION

- Refractometer Factor is 1.5

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

- For additional information refer to its OSHA SDS on Cimcool.com website
- Contact your local CIMCOOL Technical Service Specialist or you may contact CIMCOOL Technical Services at 1-888-CIMCOOL.

Limitation of Liability: Under no circumstances, shall we or any affiliate of ours have any liability whatsoever for loss of use, or for any indirect or consequential damages. Minor formulation changes or normal variations in the manufacture of this product may cause slight variances in the data presented on this sheet.

3000 Disney Street
Cincinnati, OH 45209
1-888-CIMCOOL

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