

MILFORM[®] 1920M

METALFORMING FLUID



Product Information Flyer

DESCRIPTION

MILFORM 1920M is a synthetic tube forming, stamping and rolling fluid for heavy duty.

APPLICATION

MILFORM 1920M is formulated for moderate to heavy duty tube forming, stamping, and rolling of ferrous and many non-ferrous metals. It can also be used for machining and grinding ferrous and many non-ferrous alloys. MILFORM 1920M is not recommended for use with magnesium or alloyed magnesium.

FEATURES & BENEFITS

VERSATILITY:

MILFORM 6200 provides excellent lubricity and superior tool life. It is excellent with corrosion control, rejection of tramp oil, and microbial control. MILFORM 1920M is extremely clean and very mild to skin contact.

RECOMMENDED STARTING DILUTIONS

The proper concentration of MILFORM 1920M will vary dependent upon the type of metal, gauge of metal, process involved and method of lubricant application. MILFORM 1920M 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. Add no other materials to the concentrate or mix unless approved by your CIMCOOL® District Manager.

Applications: Typical Range is 5% (1:20) to 50% (1:2)

CONCENTRATION

The Refractometer Factor is 2.4

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%

Viscosity SUS @ 100 F:

pH Concentrate: 8.4

Total Chlorine/Chlorides, wt%: 0.0/.07/<50 ppm

Silicones: None

Appearance and Odor: Clear/Chemical

Weight, lb/gal, 60°F (15.6 °C): 8.88

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

pH Mix 5%, Typical Operating: 8.3

Total Sulfur, wt%: 0.33

HANDLING AND STORAGE

If frozen, product separates. Thaw completely at room temperature and stir thoroughly prior to use. 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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