



Product Information Flyer

DESCRIPTION

MILFORM 8060 is a synthetic stamping, piercing, punching, and drawing fluid for severe duty.

APPLICATION

MILFORM 8060 is formulated for severe duty stamping, piercing, punching, and drawing of ferrous and some non-ferrous metals. It is formulated to replace chlorinated straight oils. MILFORM 8060 is not recommended for use on magnesium or alloyed magnesium.

FEATURES & BENEFITS

VERSATILITY:

MILFORM 8060 provides excellent lubricity. It is an excellent running product with good corrosion control and cleanliness characteristics. MILFORM 6200 has good weld through properties.

RECOMMENDED STARTING DILUTIONS

The proper concentration of MILFORM 8060 will vary dependent upon the type of metal, gauge of metal, process involved and method of lubricant application. MILFORM 8060 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.

Stamping & Drawing Applications: Typical Range is 8% (1:12.5) to 40% (1:2.5)

CONCENTRATION

The Refractometer Factor is 2.0

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: Complete

Viscosity SUS @ 100 F:

pH Concentrate: 8.5

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

Silicones: Yes

Appearance and Odor: Clear/Chemical

Weight, lb/gal, 60°F (15.6 °C): 8.6

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

pH Mix 25%, Typical Operating: 8.3

Total Sulfur, wt%: 1.40

HANDLING AND STORAGE

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

This product is to be used within six months of its manufacture date indicated by the lot number on the container label.

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.

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.