



Product Information Flyer

DESCRIPTION

MILFORM 6200 is a light to moderate duty synthetic stamping and drawing fluid. It is an excellent choice for tin plated and galvanized applications.

APPLICATION

MILFORM 6200 is also recommended for blanking, piercing, bending and drawing of ferrous and some non-ferrous metals.

FEATURES & BENEFITS

LUBRICITY:

MILFORM 6200 provides excellent lubricity without the use of extreme pressure lubricants. MILFORM 6200 contains a patented Milacron Synthetic Lubricant (MSL®), providing the lubricity needed to prevent galling, tearing and scoring.

CORROSION PROTECTION:

MILFORM 6200 will provide excellent corrosion control on carbide, ferrous and aluminum metals.

VERSATILITY:

MILFORM 6200 has excellent weld through properties and residue characteristics.

RECOMMENDED STARTING DILUTIONS

The proper concentration of MILFORM 6200 will vary dependent upon the type of metal, gauge of metal, process involved and method of lubricant application. MILFORM 6200 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 (13°C). Add no other materials to the concentrate or mix unless approved by your CIMCOOL® Territory Manager.

Roll Forming Applications: Typical Range is 5% (1:20) to 10% (1:10)
Stamping & Drawing Applications: Typical Range is 5% (1:20) to 25% (1:3)

CONCENTRATION

The Refractometer Factor is 2.1

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 (38°C): 450

pH Concentrate: 9.6

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

Silicones: None

Appearance and Odor: Hazy/Chemical

Weight, lb/gal, 60°F (15.6 °C): 8.5

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

pH Mix 10%, Typical Operating: 9.2

Total Sulfur, wt%: 0.0

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.ca

For additional information refer to its WHMIS MSDS, website or contact CIMCOOL® Technical Services at 1-513-458-8199 in Ohio or 1-888-254-1919 in Canada.

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.