

MILFORM[®]

METALFORMING FLUIDS

MILFORM[®] 65

APPLICATIONS	MILFORM[®] 65 is a heavy-duty soluble oil used for stamping and drawing, ferrous and most aluminum materials.
FEATURES & BENEFITS	<ul style="list-style-type: none">• HEAVY-DUTY PRODUCT – EXTENDS TOOL LIFE• GOOD CORROSION CONTROL• GOOD MICROBIAL PROTECTION• VERY CLEAN• WASHES OFF PARTS EASILY• CONTAINS EXTREME PRESSURE ADDITIVES

RECOMMENDED STARTING DILUTIONS**FOR INDUSTRIAL USE ONLY.**

Use between 10% (1:10) and 40% (1:2.5) for light to heavy-duty stamping and drawing.

MILFORM[®] 65 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 (513-458-8199)

Not recommended for use with magnesium or alloyed magnesium.

For concentration analysis, use Acid Split Method or the MI Titration Method.

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid

Appearance and odor: Clear / Chemical

Colors available: Undyed

Solubility in water: 100% Miscible

Weight, lb/gal, 60°F (15.6°C): 8.9

Specific gravity, (H₂O = 1): 1.07

Viscosity (SUS) @ 100° F, Typical: 1,130

Boiling point, °F (°C): NA

Flash point, COC, °F (°C): 385 (196)

Fire point, COC, °F (°C): 395 (202)

Freezing point, °F (°C): 6 (-14)

If frozen, thaw completely at room temperature.

pH, concentrate: NA

pH, 20.0% mix, typical operating conditions: 9.0

Total chlorine/chloride wt%, calculated: 22.0 / < 50 ppm

Total sulfur, wt%, calculated: 0.4

Silicones: None

PACKAGING

Available in 5-gallon pails, 55 gallon drums, and bulk containers

REFRACTOMETER FACTOR = 1.0 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.

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.

For additional information concerning MILFORM[®] 65, 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.

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.

Milacron Marketing Company LLC Cincinnati, Ohio 45209