

MILFORM[®]

METALFORMING FLUIDS

MILFORM[®] 6276

APPLICATIONS	<p>MILFORM[®] 6276 is a moderate to heavy duty synthetic stamping and drawing fluid recommended for ferrous and most non-ferrous applications. MILFORM[®] 6276 utilizes new lubricant additives to replace traditional extreme pressure additives.</p>
FEATURES & BENEFITS	<ul style="list-style-type: none">• Excellent lubricity on cold rolled steel, stainless steel, aluminum, brass, galvanized, and galvaneal metals• Non-staining to ferrous and most non-ferrous metals• Replaces products containing extreme pressures additives• Very light residues, can be washed easily• Excellent rust protection• Can be used in a wide variety of applications such as stamping and drawing, roll forming, and can drawing• Product is stable in a dilution range, from 4% to 25%, depending on the application

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

Use between 10% (1:9) and 25% (1:3) for stamping and drawing applications. Use at 4% (1:24) for body making and between 10% (1:9) and 20% (1:19) for cupping. MILFORM[®] 6276 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 (1-513-458-8199).

Not recommended for use with magnesium or alloyed magnesium.

For concentration analysis, use MI Titration Method, Non Solvent Titration Procedure.

**TYPICAL
PHYSICAL
AND
CHEMICAL
PROPERTIES**

Physical state: Liquid
Appearance and odor: Chemical
Colors available: Undyed
Solubility in water: Complete/100%
Weight, lb/gal, 60°F (15.6°C): 8.5
Boiling point, °F (°C): 212 F
Flash point, COC, °F (°C): None, self extinguishing
Fire point, COC, °F (°C): None, self extinguishing
Extinguishing media: NA
Unusual fire & explosion hazards: None
Freezing point (or pour point), °F, (°C): 30 F

pH, concentrate: 9.2
pH, 15.0% mix, typical operating conditions: 9.1
Total chlorine/chloride wt%, calculated: None / <50 ppm
Total sulfur, wt%, calculated: 0.001
Total Phosphorus wt%, calculated: 0.06
Silicone: Yes, Paintable
Refractometer factor: 3.5

WARRANTY: CIMCOOL will grant credit on any product which proves defective in material or workmanship as determined by us subject to the following conditions: all material is subject to our inspection prior to issuing credit; any refund will be adjusted based on the volume of product used; no credit will be granted for used or unused product(s) over one year old as determined by the batch number. The terms in this warranty do not in any way extend to any product thereof covered by this agreement, which has a life, under normal usage, inherently shorter than the one-year period indicated above. Except as set forth expressly in writing herein, there are no other warranties express or implied in respect of any product. No warranty of merchantability or fitness for purpose shall apply.

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.

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