

CIMCOOL[®]

METALWORKING FLUIDS

LUBRICANT N

METALWORKING FLUID ADDITIVE

DESCRIPTION	LUBRICANT N is a metalworking fluid additive which, can be added to cationic synthetic metalworking fluid mixes in central systems or individual machines to improve or restore lubricity.
WHEN TO USE	Add LUBRICANT N to cutting fluid mixes as directed by CIMCOOL [®] Technical Services
HOW TO USE	Pour LUBRICANT N directly into the "clean" side of a central filtration system where contamination is lowest and will be less likely to reduce its effectiveness. For individual machines, add directly to the sump (machine reservoir).

RECOMMENDED STARTING DILUTIONS	<p>FOR INDUSTRIAL USE ONLY Use dilution is 1:1,000 (0.1%) and 1:250 (0.4%).</p> <p>LUBRICANT N is to be added to CIMCOOL[®] metalworking fluid mixes as described above.</p>
TYPICAL PHYSICAL AND CHEMICAL PROPERTIES	<p>Physical state: Liquid Appearance and odor: Clear, chemical Colors available: Undyed Solubility in water: > 1% & < 10% (1:10) Weight, lb/gal, 60°F (15.6°C): 8.60 Specific gravity, (H₂O = 1): 1.030 Boiling point, °F (°C): NA Flash point, COC, °F (°C): > 450 (> 232) Fire point, COC, °F (°C): > 450 (> 232) Extinguishing media: Chemical foam, carbon dioxide, water fog, dry chemical Unusual fire & explosion hazards: None Freezing point (or pour point), °F, (°C): -25 (-31.7) If frozen, thaw completely at room temperature. pH, concentrate: NA pH, 2.4% mix, typical operating conditions: 5.5 - 6.7 Total chlorine/chloride, wt%, calculated: 0.00/0.00 Total sulfur, wt%, calculated: 0.00 Silicones: None</p>
PACKAGING	Available in 5-gallon pails and 55-gallon drums.
<p>For additional information concerning LUBRICANT N, refer to its OSHA MSDS or contact CIMCOOL[®] Technical Services at 1-513-458-8199.</p> <p>Minor formulation changes or normal variations in the manufacture of this product may cause slight variances in the data presented on this sheet. Consumable Products Division/ Milacron Marketing Company Cincinnati, Ohio 45209</p> <p>PC-9906 1/15/02</p>	