



N-420

New Generation Semi-Synthetic Coolant

N-420 is a heavy-duty semi-synthetic designed to outperform high oil content soluble oils. **N-420** is the most sophisticated semi-synthetic coolant ever formulated for metalworking applications.

N-420 can easily be mixed with water at different dilutions resulting in an environmentally friendly cutting fluid for your toughest machining jobs on all metals from high alloy steels to cast aluminum. This product will work where only heavy water soluble oils have been the option.

KEY PERFORMANCE BENEFITS

- Improved lubricity over heavy water soluble oils
- Hard water stable in 1000 ppm water
- Low foaming product for high pressure coolant applications
- Non-staining on aluminum and yellow metals
- Waste treatable
- Completely non-hazardous
- Highest level of corrosion protection
- Clean running coolant that leaves no machine residue
- Very low drag-out minimizing coolant usage
- Does not contain chlorine, sulfur, nitrites, or phenols

PHYSICAL AND CHEMICAL CHARACTERISTICS

Appearance:	Amber liquid
Specific gravity:	0.95
Ph concentrate:	9.65
Rust test 3%	Pass
Refractive index	1.6

MIXING RECOMMENDATION:

Light machining:	4-6%
General purpose machining:	6-8%
Difficult Machining:	8-10%

APPLICATIONS:

Milling, drilling, tapping, reaming, boring, turning, threading.

PACKAGING

Product is available in 5-gallon pails, 55-gallon non-returnable drums and 275 and 330-gallon non-returnable totes.

Curtis Fluids, 1901 Godfrey SW, Grand Rapids Mi 49509
(616)452-5797 Fax (616)452-5640

www.Curtisfluids.com