



ASHBURN 4000

FEATURES & BENEFITS

- Excellent Sump Life
- Extends Tool Life
- Superior Tramp Oil Rejection
- Excellent Corrosion Protection
- Non-Foaming
- Does Not Contain Nitrates, Chlorine or Sulfur

PRODUCT DESCRIPTION

ASHBURN 4000 is a light to moderate water soluble machining and grinding fluid. It is chemically designed to resist bacteria and fungus. It forms a solution that resists tramp oil contamination. It is formulated to protect the machine tool from rust and corrosion and the fluid residue will protect ways and slides.

TYPICAL ANALYSIS

APPEARANCE:..... Translucent Amber Liquid
 pH @ 10% SOLUTION:9.15
 SPECIFIC GRAVITY:1.06
 ODOR:..... Mild
 FLASH POINT:..... None

APPLICATION

Recommended for use on both ferrous and non-ferrous metals.

RECOMMENDED STARTING DILUTIONS

Operation	Carbon Steels, Cast Steels	High Alloy Steels, Stainless Steels	Aircraft, Tool Steels	Copper, Aluminum
Machining-Milling Drilling, Turning	1:20 (5.0%)	1:20 (5.0%)	1:15 (6.7%)	1:20 (5.0%)
Grinding	1:25 (4.0%)	1:25 (4.0%)	1:20 (5.0%)	1:25 (4.0%)
Reaming, Tapping, Sawing, Broaching	1:10 (10%)	1:10 (10%)	1:10 (10%)	1:10 (10%)

REFRACTOMETER READINGS

Dilution Ratio	1:10 (10.0%)	1:15 (6.7%)	1:20 (5.0%)	1:25 (4.0%)	1:30 (3.3%)
Refractometer Reading	2.4	1.8	1.2	1.1	0.9

NOTES

- Use Ashburn Machine Cleaner for quick and thorough pre-cleaning of machine tools and coolant systems.
- Consult Ashburn prior to use on metals or applications not recommended.
- Unless recommended by Ashburn, this product should not be mixed with metalworking fluid additives.

PACKAGING

A-4013-14 1 Gallon (4/Case)
 A-4014-05 5 Gal Pail
 A-4015-55 55 Gal Drum