

9800



FEATURES & BENEFITS

- Chlorine Free
- Halogen Free
- Siloxane/Silicone Free
- Hard Water Stable
- Excellent Sump Life
- Extends Tool Life
- Excellent Lubricity/EP Properties
- Extends Tool Life
- Superior Tramp Oil Rejection
- Mild Pleasant Odor
- Excellent Corrosion Protection

PACKAGING

A-9800-05	5 Gal Pail
A-9800-55	55 Gal Drum
A-9800-275	275 Gal Tote

PRODUCT DESCRIPTION

APEX 9800 is a severe duty, water soluble machining & grinding fluid. It is chemically designed to resist bacteria & fungus. It forms a stable emulsion that resists tramp oil contamination & provides long-term, worry-free sump life.

TYPICAL ANALYSIS

APPEARANCE: Translucent Amber Liquid
 pH @10% SOLUTION: 9.0 - 9.3
 SPECIFIC GRAVITY @ 60°F: 0.92
 ODOR: Mild
 FLASH POINT: None

APPLICATION

Recommended on all ferrous and non-ferrous metals. Excellent for use in machining of aerospace materials including aluminum, titanium & high-nickel alloys.

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	11.0	8.5	6.0	5.0	4.0

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.