

# 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

## 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: ..... 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 (10.0%)	1:10 (10.0%)	1:10 (10.0%)

## 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 metal working fluid additives.

## PACKAGING

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



7403 Wright Rd. Houston, TX 77041  
 ph: 832.399.1000 fax: 832.399.1010  
 www.ashburnchemical.com

