ASHBURN
Cut - Clean - Protect

TECHNICAL DATA SHEET

APEX 9800

Description

APEX 9800 is a severe duty, chlorine-free, water-soluble machining and grinding fluid . It is chemically designed to resist bacteria and fungus. It forms a stable emulsion that resists tramp oil contamination, and provides long-term worry-free sump life. This product can be used on ferrous and nonferrous metals.

Advantages

* HARD WATER STABLE
* CHLORINE-FREE
* SILOXANE/SILICONE FREE
* EXCELLENT SUMP LIFE
* EXCELLENT LUBRICITY AND EP PROPERTIES
* EXTENDS TOOL LIFE
* SUPERIOR TRAMP OIL REJECTION
* MILD PLEASANT ODOR
* EXCELLENT CORROSION PROTECTION

PHYSICAL PROPERTIES

Form ..... **Liquid**
Color ..... **Dark Amber**
Residue ..... **Oily**
Specific Gravity **1.02**
Flash Point ..... **None**
Odor ..... **Mild**
pH @10% Solution **8.7**

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 (10.0%)	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	10	7.5	5.0	4.4	3.8

Availability

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

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