



APEX 9100

Description

APEX 9100 is a moderate to severe duty, general-purpose, 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

- * 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 Green
 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-9100-05 5 Gal Pail
 A-9100-55 55 Gal Drum
 A-9100-275 275 Gal Tote