

# APEX 7090



- Superior Blade, Tool and Wheel Life
- Excellent Lubricity
- Superior Tramp Oil Rejection
- Mild Pleasant Odor
- Excellent Corrosion Protection

## ■ PRODUCT DESCRIPTION

APEX 7090 is a moderate to heavy duty semi-synthetic water soluble cutting and grinding fluid. It is manufactured for turning, milling, drilling, sawing, and grinding in individual machine sumps or central systems. It will increase blade, tool, or wheel life and production. The raw materials are designed to resist bacteria and fungus. It provides long term worry free sump life. This product can be used on ferrous and nonferrous metals.

## ■ RECOMMENDED STARTING DILUTIONS

| Operation                              | Carbon Steels,<br>Cast Steels | High Alloy Steels,<br>Stainless Steels | Aircraft,<br>Tool Steels | Copper,<br>Aluminum |
|--|-------------------------------|--|--------------------------|---------------------|
| Machining-Milling<br>Drilling, Turning | 1:20 (5.0%)                   | 1:15 (6.7%)                            | 1:10 (10.0%)             | 1:20 (5.0%)         |
| Grinding                               | 1:20 (5.0%)                   | 1:20 (5.0%)                            | 1:20 (5.0%)              | 1:20 (5.0%)         |
| Reaming, Tapping,<br>Sawing, Broaching | 1:15 (6.7%)                   | 1:10 (10.0%)                           | 1:10 (10.0%)             | 1:15 (6.7%)         |

## ■ REFRACTOMETER READINGS

|                          |                 |                |                |                |                |
|--------------------------|-----------------|----------------|----------------|----------------|----------------|
| Dilution Ratio           | 1:10<br>(10.0%) | 1:15<br>(6.7%) | 1:20<br>(5.0%) | 1:25<br>(4.0%) | 1:30<br>(3.3%) |
| Refractometer<br>Reading | 4.9             | 3.4            | 2.6            | 2.1            | 1.7            |

## ■ PHYSICAL PROPERTIES

FORM: ..... Liquid  
 COLOR: ..... Blue  
 SPECIFIC GRAVITY: ..... 1.02  
 FLASH POINT: ..... None  
 ODOR: ..... Mild  
 pH @ 5% DILUTION: ..... 9.3

## ■ AVAILABILITY

A-7090-14 1 Gal (4/Case)  
 A-7090-05 5 Gal Pail  
 A-7090-55 55 Gal Drum  
 A-7090-275 275 Gal Tote