

# APEX 6500



- Superior Rust and Corrosion Protection. Protects Both Ferrous and Most Nonferrous Metals
- Increased Lubricity vs Conventional Synthetic Coolants
- Excellent Stability in Hard and Soft Water Applications to Ensure Minimal Residue Build-up
- Quickly Rejects Tramp Oils to the Surface
- Very Low Carryoff Reduces Coolant Consumption
- Low Foaming in All Water Conditions
- Prevents Bimetallic Corrosion and is Safe to Use in Equipment with Most Copper, Brass, Bronze, and Aluminum Components

## ■ PRODUCT DESCRIPTION

APEX 6500 is a high lubricity, heavy duty synthetic coolant. It is fortified with a special blend of high viscosity index polymer lubricants. These polymers remain soluble in water until activated by the heat of friction during machining and grinding. This results in a coolant with excellent lubricity at the tool/chip interface, yet with very little carryoff on parts.

The APEX 6500 performs like a semi-synthetic, but runs extremely clean, has superior oil rejecting capabilities, and is very low foaming. It leaves a soft fluid residue that protects the machine tool and parts. This protective film will not interfere with heat treating or welding. Prevents corrosion on ferrous and most nonferrous metals

## ■ 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	3.5	3.0	2.5	2.0	1.5

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## ■ TYPICAL ANALYSIS

FORM: ..... Liquid  
 COLOR: ..... Blue or Undyed  
 SPECIFIC GRAVITY: ..... 1.06  
 FLASH POINT: ..... None  
 ODOR: ..... Mild  
 pH @ 5% CONC: ..... 9.3

## ■ AVAILABILITY

### BLUE

A-6500-05     5 Gal Pail  
 A-6500-55     55 Gal Drum  
 A-6500-275   275 Gal Tote

### UNDYED

A-6501-05     5 Gal Pail  
 A-6501-55     55 Gal Drum  
 A-6501-275   275 Gal Tote



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