ASHBURN
Cut - Clean - Protect

TECHNICAL DATA SHEET

APEX 3500

DESCRIPTION

APEX 3500 is a high speed turning and grinding coolant chemically designed to resist bacteria and fungus and provide long term worry free sump life. APEX 3500 forms a solution that resists tramp oil contamination. This product can be used on ferrous and nonferrous metals. It is formulated to protect the machine tool from rust and corrosion and the fluid residue will protect ways and slides. Does not contain sulfur, phosphorus, chlorine or other halogens.

ADVANTAGES

* **EXCELLENT SUMP LIFE**
* **EXTENDS TOOL AND WHEEL LIFE**
* **REDUCES WHEEL DRESSING FREQUENCY**
* **SUPERIOR TRAMP OIL REJECTION**
* **GOOD CORROSION PROTECTION**
* **NONFOAMING**

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%)

PHYSICAL PROPERTIES

Form……Liquid
Color……Blue
Specific Gravity…….1.03
Flash Point……..None
Odor……..Mild
pH @10% Solution….9.2

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	2.4	1.8	1.2	1.1	0.9

Availability

A-3500-14	1 Gallon (4/Case)
A-3500-05	5 Gal Pail
A-3500-55	55 Gal Drum
A-3500-275	275 Gal Tote

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