

3500



FEATURES & BENEFITS

- Non-Foaming
- Excellent Sump Life
- Extends Tool and Wheel Life
- Superior Tramp Oil Rejection
- No Sulfur, Phosphorous, Chlorine or Other Halogens
- Good Corrosion Protection

PACKAGING

Blue

- 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

Undyed

- A-3501-05 5 Gal Pail
- A-3501-55 55 Gal Drum
- A-3501-275 275 Gal Tote

PRODUCT DESCRIPTION

APEX 3500 is a high-speed, synthetic turning and grinding fluid chemically designed to resist bacteria and fungus. Forms a transparent solution providing a clear view of the work piece. Protects the machine from rust and corrosion.

TYPICAL ANALYSIS

APPEARANCE:..... Transparent Liquid
 COLOR: Blue or Undyed
 pH @ 10% SOLUTION: 9.8
 SPECIFIC GRAVITY: 1.06
 ODOR:..... Mild
 FLASH POINT:..... None

APPLICATION

Recommended for turning, milling, drilling, sawing, and grinding on both ferrous and non-ferrous metals. Can be used as a tube mill fluid for use in pipe upsetter and pipe threading operations. Also an excellent hydrostatic testing fluid.

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	1:20 (4.0%)	1:20 (4.0%)	1:20 (5.0%)	1:25 (4.0%)
Reaming, Tapping, Sawing, Broaching	1:10 (10%)	1:10 (10%)	1:10 (10%)	1:10 (10%)

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	2.7	2.4	1.6	1.2	1.1

NOTES

- Use Ashburn Machine Cleaner for quick and thorough pre-cleaning of machine tools and coolant systems.
- Consult Ashburn prior to use on metals or applications not recommended.
- Unless recommended by Ashburn, this product should not be mixed with metalworking fluid additives.