



7700EP



FEATURES & BENEFITS

- Clean Fluid - Leaves No Sticky Deposits on Machine or Parts
- Extreme Pressure Lubricity for Extended Tool Life
- Superior Tramp Oil Rejection for Easy Skimming
- Mild pH and Low Odor for Greater Operator Acceptance
- Excellent Corrosion Protection
- Stable Emulsion in Hard & Soft Water
- Resilient Fluid with Excellent Microbial Resistance
- Multi-Metal Compatibility
- Excellent Performance in Difficult Operations

PACKAGING

A-7704-14 1 Gal (4/Case)
 A-7704-05 5 Gal Pail
 A-7704-55 55 Gal Drum
 A-7704-275 275 Gal Tote

Blue

A-7705-14 1 Gal (4/Case)
 A-7705-05 5 Gal Pail
 A-7705-55 55 Gal Drum
 A-7705-275 275 Gal Tote

PRODUCT DESCRIPTION

APEX 7700EP is a heavy-duty, semi-synthetic water soluble fluid formulated with chlorinated EP (extreme pressure) additives for heavy duty operations. Offers the most advanced bioresistant additive technology to inhibit microbial growth.

TYPICAL ANALYSIS

APPEARANCE:..... Translucent Amber Liquid
 pH @ 10% SOLUTION:9.4
 SPECIFIC GRAVITY:1.03
 ODOR:..... Mild
 FLASH POINT:..... None

APPLICATION

Recommended for turning, milling, drilling, sawing, and grinding on both ferrous and non-ferrous metals including cast iron and aluminum.

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%) - 1:13 (7.5%)	1:15 (6.7%) - 1:10 (10%)	1:10 (10.0%)	1:15 (6.7%) - 1:10 (10%)
Grinding	1:20 (5.0%) - 1:13 (7.5%)	1:20 (5.0%) - 1:13 (7.5%)	1:20 (5.0%) - 1:13 (7.5%)	1:20 (5.0%) - 1:13 (7.5%)
Reaming, Tapping, Sawing, Broaching	1:15 (6.7%) - 1:10 (10%)	1:10 (10%)	1:10 (10%)	1:15 (6.7%) - 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	5.8	4.4	3.3	3.0	2.2

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.