

APEX 7700 EP



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

■ PRODUCT DESCRIPTION

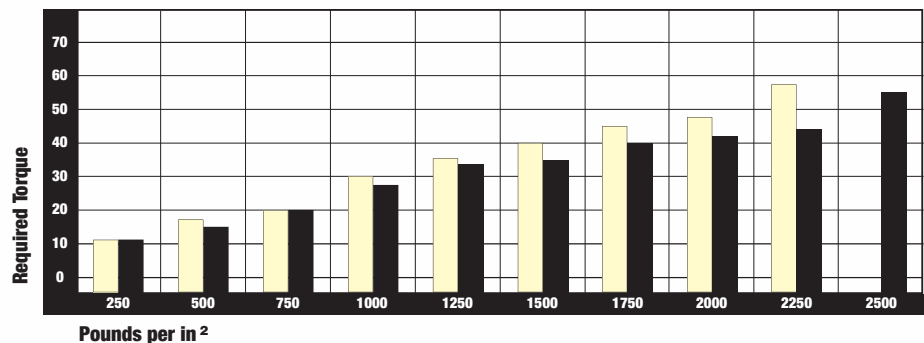
APEX 7700 EP is a heavy duty semi-synthetic water soluble metalworking fluid designed for use on ferrous and most nonferrous metals including cast iron and aluminum. It is fortified with extreme pressure additives for difficult machining and grinding operations. It has excellent emulsion stability in hard water and combines the cooling and cleanliness of synthetics with the rust protection and lubricity of soluble oils. It is suitable for turning, milling, drilling, sawing and grinding in individual sumps or central systems.

APEX 7700 EP contains well balanced additive technology proven to extend fluid life and inhibit microbial growth. It forms a translucent emulsion that protects machines and parts from corrosion without depositing tacky or slippery residues. This robust multipurpose metalworking fluid provides an economical solution to high fluid usage and waste by eliminating frequent system recharges, high make-up rates and excessive use of costly tank side additives.

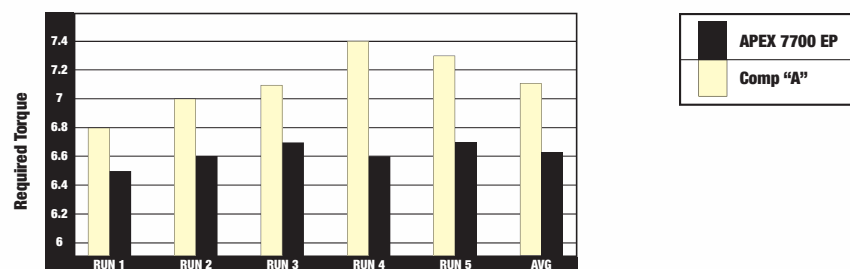
APEX 7700 EP works well in hard and soft water. It will not form hard water soaps or cause excessive foaming in soft water. The product has a mild pH and leaves machines clean and free of gummy tramp oil deposits which enhances operator acceptance. It provides trouble free performance on a wide range of metals and diverse operations in individual sumps and is equally suitable for continuous production requiring unimpeded efficiency, low maintenance and maximum fluid life.

■ TEST RESULTS

FALEX DATA



TAP TORQUE TEST



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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%)	1:15 (6.7%)	1:10 (10.0%)	1:15 (5.0%)
Grinding	1:20 (5.0%)	1:20 (5.0%)	1:20 (5.0%)	1:20 (5.0%)
Reaming, Tapping, Sawing, Broaching	1:15 (6.7%)	1:10 (10.0%)	1:10 (10.0%)	1:15 (6.7%)

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

AVAILABILITY

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



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