

7700



FEATURES & BENEFITS

- Superior Blade, Tool & Wheel Life
- Excellent Lubricity & EP Properties
- Superior Tramp Oil Rejection
- Mild Pleasant Odor, Mild pH
- Excellent Corrosion Protection
- Hard Water Stable
- Light Oily Residue which is Easily Re-Emulsified with Water
- Does Not Contain Chlorine, Sulfur, or Phenol

PRODUCT DESCRIPTION

APEX 7700 is a heavy duty water soluble cutting and grinding fluid fortified with extreme pressure additives for difficult applications. It will increase blade, tool, or wheel life and production. APEX 7700 is biostable due to the fact that the raw materials naturally resist bacteria and fungus. It provides long-term, worry-free sump life without disposal. It is very suitable for today's advanced recycling equipment. This product works well in hard water and will not form hard water soaps, has a mild pH and rejects tramp oil very well. This will greatly reduce the risk of operator's skin or respiratory problems. The superior tramp oil rejection also reduces smoke during heavy cutting and increases the coolant's sump life. The excellent rust and corrosion properties will protect the machine tools and provide short term rust protection on the machined parts.

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%)	1:15 (6.7%)	1:10 (10%)	1:15 (6.7%)
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%)	1:10 (10%)	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	4.5	3.4	2.3	2.0	1.7

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.

PACKAGING

A-7703-05	5 Gal Pail
A-7703-55	55 Gal Drum
A-7703-275	275 Gal Tote