

7050



FEATURES & BENEFITS

- Provides Extended Tool Life
- Improves Surface Finish
- Chlorine-Free & Sulfur-Free
- Superior Tramp Oil Rejection
- Mild Pleasant Odor
- Excellent Corrosion Protection

AEROSPACE COMPLIANCE

- This fluid meets the specifications of Boeing BAC-5008

PACKAGING

Undyed

- A-7050-05 5 Gal Pail
- A-7050-55 55 Gal Drum
- A-7050-275 275 Gal Tote

Blue

- A-7051-05 5 Gal Pail
- A-7051-55 55 Gal Drum
- A-7051-275 275 Gal Tote

PRODUCT DESCRIPTION

APEX 7050 is a moderate to heavy duty, semi-synthetic water soluble cutting and grinding fluid. Excellent for use in difficult machining of all metals. APEX 7050 is fortified with chlorine-free extreme pressure additives to provide a non-staining coolant that increases tool life and improves surface finish on nonferrous metals including aluminum. It is designed to resist bacteria and fungus to provide long-term, worry-free sump life.

TYPICAL ANALYSIS

APPEARANCE: Clear Yellow or Blue Liquid
 pH @ 5% SOLUTION:9.60
 SPECIFIC GRAVITY @ 60°F:1.02
 ODOR: Mild
 CHLORINE: None
 NITRITE: None
 PHENOL: None
 PHOSPHORUS: Yes
 SULFUR: None

APPLICATION

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

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%)	1:20 (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%)	1:10 (10%)	1:15 (6.7%)

REFRACTOMETER READINGS

Dilution Ratio	(12.0%)	(10.0%)	(7.0%)	(5.0%)	(3.0%)
Refractometer Reading	5.2	4.2	3.0	2.2	1.2

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.