

7050



Features & Benefits

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

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 @ 60F:1.02
 CHLORINE:.....None
 NITRITE:.....None
 PHENOL:.....None
 PHOSPHORUS:.....Yes
 SULFUR:.....None
 ODOR:.....Mild

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 (10.0%)	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 (10.0%)	1:10 (10.0%)	1:15 (6.7%)

PACKAGING

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

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

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	2.4	1.7	1.3



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