

9100



FEATURES & BENEFITS

- Excellent Sump Life
- Excellent Lubricity & EP Properties
- Extends Tool Life
- Superior Tramp Oil Rejection
- Mild Pleasant Odor
- Excellent Corrosion Protection

PACKAGING

Blue

- A-9100-14 1 Gal (4/Case)
- A-9100-05 5 Gal Pail
- A-9100-55 55 Gal Drum
- A-9100-275 275 Gal Tote

Undyed

- A-9101-05 5 Gal Pail
- A-9101-55 55 Gal Drum
- A-9101-275 275 Gal Tote

PRODUCT DESCRIPTION

APEX 9100 is a moderate to severe duty, general purpose, water soluble machining & grinding fluid. It's chemically designed to resist bacteria & fungus. It forms a stable emulsion that resists tramp oil contamination, & provides long-term, worry-free sump life.

TYPICAL ANALYSIS

APPEARANCE: Dark Blue
 pH @ 10% SOLUTION:8.7
 SPECIFIC GRAVITY:0.935
 ODOR:..... Mild
 FLASH POINT:..... None
 RESIDUE:..... Oily

APPLICATION

Recommended for machining & 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%)	1:20 (5.0%)	1:15 (6.7%)	1:20 (5.0%)
Grinding	1:25 (4.0%)	1:25 (4.0%)	1:20 (5.0%)	1:25 (4.0%)
Reaming, Tapping, Sawing, Broaching	1:10 (10%)	1:10 (10%)	1:10 (10%)	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	10.0	7.5	5.0	4.4	3.8

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.