

APEX 7900



■ **CLEANLINESS**

Runs very clean with no sticky or oily residue, especially when compared to old-technology soluble oils. Quickly rejects tramp oils. Chips and fines settle quickly, aiding in filtration

■ **CORROSION PROTECTION**

Provides excellent in-process rust protection. It is safe on most metals. Leaves a light, but very effective protective film on parts and machine surfaces to prevent corrosion.

■ **LOW FOAM**

A low foaming product capable of through the tool, high pressure applications.

■ **HARD WATER**

Very stable in hard water. Reduces the formation of hard water soaps and soap residues.

■ **ODOR**

Exceptionally resistant to bacteria, mold and fungus and remains clean and odor-free for extended periods.

■ **MAINTENANCE**

Excellent bio-resistance. Provides long sump life without the use of additives.

■ **PRODUCT DESCRIPTION**

APEX 7900 is a semi-synthetic coolant for machining and grinding ferrous and non-ferrous metals. It has almost no odor, is low foaming, and provides excellent bio-resistance for long life in both individual sumps and large central systems.

APEX 7900 forms a translucent emulsion that protects machines and parts from corrosion without depositing tacky or slippery residues. This coolant runs very clean with minimal drag out and quickly rejects tramp oils. With excellent lubricity, long sump life and low maintenance, this fluid can help reduce the number of products being used in a facility.

■ **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%)	1:20 (5.0%)	1:20 (5.0%)
Grinding	1:25 (4.0%)	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	6.5	4.7	3.9	3.4	2.4

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■ TYPICAL ANALYSIS

APPEARANCE OF CONCENTRATE: Clear Amber
 pH @ 5% DILUTION: 9.5
 APPEARANCE in a @ 5% DILUTION: Translucent
 SPECIFIC GRAVITY AT 60°F (16°C): 0.98

■ AVAILABILITY

A-7900-05 5 Gal Pail
 A-7900-55 55 Gal Drum
 A-7900-275 275 Gal Tote



7403 Wright Rd.
 Houston, Texas 77041
 Ph: (832) 399-1000
 Fax: (832) 399-1010
www.ashburnchemical.com