



# HYPERCOOL™ 200



## PRODUCT DESCRIPTION

**APEX HYPERCOOL™ 200** is a general to heavy duty, semi-synthetic coolant. This low foaming, multi-metal product is specially formulated for ferrous, non-ferrous and aluminum machining and grinding applications where high detergency and maximum rust protection are desirable in a very low foaming coolant. HyperCool 200 provides excellent cooling and chip settling and, when used at recommended concentrations, will provide rust protection of machine tools and equipment. HyperCool 200 will extend tool life, reduce down time and increase company profits. It works on all metals including stainless steel, cast iron, aluminum and copper based alloys.



**Apex Hypercool 200** is a translucent solution formulated to run cleaner and provide for a greatly extended sump life.

## FEATURES

- Excellent cooling and lubricating properties for ferrous, non-ferrous, aluminum and exotic metal machining and grinding
- Extreme pressure additive chemistry
- Will not stain aluminum or magnesium
- Safe on yellow metals, aluminum and magnesium
- Free of DEA, nitrites, nitrates, chlorides, sulfur, boron and phenols
- California VOC compliant

## BENEFITS

- Reduces cost by extending tool life
- Bacterial and fungal protection extends fluid life and improves workplace environment
- Improved sheeting and runoff from parts and swarf for reduced coolant loss
- Significant improvement keeping machines clean
- Optimal performance for machining and grinding in moderate to heavy-duty severity operations at high-speeds and reduced cycle-time
- Hard water stable

## PACKAGING

- A-10200-05 5 gal pail
- A-10200-55 55 gal drum
- A-10200-275 275 gal tote

## TYPICAL ANALYSIS

APPEARANCE: ..... Clear light yellow to amber liquid  
 pH @ 10% SOLUTION: ..... 8.85 - 9.10  
 SPECIFIC GRAVITY: ..... 1.005

## RECOMMENDED STARTING DILUTIONS

Operation	Ferrous Metals	Non-Ferrous Metals
General Grinding	1:30 – 1:20 (3–5%)	1:30 – 1:20 (3–5%)
Heavy Duty Grinding	1:20 – 1:10 (5–10%)	1:20 – 1:10 (5–10%)
General Machining	1:20 – 1:12 (5–8%)	1:20 – 1:12 (5–8%)
Heavy Duty Machining	1:12 – 1:10 (8–10%)	1:12 – 1:10 (8–10%)

## REFRACTOMETER READINGS

% Concentration	2.5	5.0	7.5	10.0	12.5	15.0	20.0
Refractometer Reading	1.5	2.6	4.0	5.2	6.4	7.8	10.2

Refractometer factor: 1.9