



**COOLANT
CONTROL** INC.

The right chemistry...

...the right solution

Product Bulletin

Orion 1610

Synthetic Cutting and Grinding Fluid

Description

Orion 1610 is a synthetic fluid specially designed for grinding and light duty machining of ferrous metals in individual sumps and large central systems. **Orion 1610** provides excellent bimetallic corrosion protection to keep parts and machine tools free from in-process rust. In hard or soft water, **Orion 1610** forms a stable solution that will not foam. **Orion 1610** is a clean fluid that runs with trouble-free dependability.

Performance Benefits

- Rejects tramp oils for easy skimming
- High reserve alkalinity
- Biostable formula extends fluid life
- Low foaming in all water conditions
- Excellent corrosion protection protects parts, machines and tools
- Settles chips quickly for a clean work environment

Recommended Applications

Application	Concentration
Grinding	3% to 5%
Light Machining	5% to 10%

Typical Characteristics

Appearance	Clear yellow liquid
Specific Gravity @72F	1.05 to 1.08
pH (Neat)	9.80
pH (typical operating concentration)	9.1 to 9.5