



**COOLANT
CONTROL** INC.

The right chemistry...

...the right solution

Product Bulletin

Orion 4953

Heavy Duty Synthetic Rolling Fluid

Description

Orion 4953 is a true solution synthetic coolant designed specifically for roll forming steel pipe. Utilizing a blend of proprietary lubricants, surfactants and corrosion inhibitors in an oil free formulation, **Orion 4953** outperforms even the toughest semi-synthetic fluid.

Performance Benefits

- Multi-metal compatibility
- Excellent extreme pressure properties for extended roller life.
- Does not affect the annealing or welding processes
- Rejects tramp oils for easy skimming
- Biostable formula extends fluid life
- Low foaming formulation ensures that the rolls are evenly lubricated eliminating issues created by entrained air.
- Excellent corrosion protection protects parts, machines and tools
- Settles chips quickly for a clean work environment

Recommended Applications

Application	Concentration
Roll Forming	4% to 10%

Typical Characteristics

Appearance	Clear blue liquid
Specific Gravity @72F	1.03 to 1.06
pH (Neat)	9.60 to 9.80
pH (typical operating concentration)	9.3 to 9.5
Refractive Index Multiplier	4.0