

## TECHNICAL DATA SHEET

### Coolant R-360

#### Description

A high quality, chlorine containing, novel, bio-stable water-miscible coolant designed to provide the user with a robust, long sump-life product that is compatible with a wide variety of materials. It is highly tolerant of microbial contamination.

Coolant R-360 has a high oil content which, in conjunction with high lubricity additives, enables a high quality surface finish to be achieved coupled with prolonged tool life.

It is suitable for use in a wide variety of water qualities including high chloride water (up to 350ppm), is low foaming and forms an exceptionally stable semi-milky emulsion. In particular, Coolant R-360 has been designed to cope with the problems caused in hard water areas by keeping scum formation down to an absolute minimum. This means that Coolant R-360 will remain stable far beyond that of more conventional coolants.

The high oil content of R-360 coupled with advanced corrosion inhibitors gives a product with excellent corrosion protection in high humidity conditions and when using high chloride feed waters.

Coolant R-360 has been formulated with the operator in mind and as such is free of boric acid and its derivatives, secondary amine, and bactericides.

#### Benefits

- Excellent lubricity
- Highly stable emulsion
- Extended sump life
- Hazard free formulation
- Compatible with waters >>400ppm hardness
- Enhanced tool-life
- Low foaming
- Multi-metal compatible

#### Typical Physical Properties

Appearance	Dark Amber liquid
Emulsion Type	Milky
Foaming Tendency	Low
Specific Gravity at 20°C	0.9
RI Factor	1
pH @ 5%	9

#### Recommended Dilutions

General machining of free cutting metals: 5 – 6%

Difficult operations/materials: 8 – 10%

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