

## ECOCOOL 820

### Water Miscible Cutting and Grinding Fluid

#### Description

ECOCOOL 820 is a water-miscible machining fluid free of boron, chlorinated paraffins, secondary amines, and triethanolamine, while providing high machining performance & long term emulsion stability. It is suitable for machining a wide range of materials. It contains a novel lubricity package that makes it especially effective on aluminum.

ECOCOOL 820 is a next generation water miscible coolant, intrinsically robust, providing long sump life. The emulsification system produces a tight stable emulsion that tolerates tramp oil ingress without producing objectionable residues.

#### Application

ECOCOOL 820 is mixed with water for use. Your local FUCHS representative can provide you with specific recommendations for your operation. When mixing, always add ECOCOOL 820 concentrate to water. The product should be stored in its original sealed container at temperatures between 45°F – 90°F. Safety data sheets are available. Before handling, read the product

information and safety data sheets for proper handling and health hazard information.

#### Advantages

- Contains lubricity enhancers to extend tool life & reduce cycle time
- Maintains pH stability for a long service life
- Low foaming in soft water
- Can be used safely on a variety of materials
- Free of boron, chlorinated paraffin, DCHA, secondary amines & triethanolamine

#### How To Clean

Residual films are readily cleaned from parts with RENOCLEAN alkaline cleaners. Your local FUCHS representative can provide you with specific recommendations for your operation.

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#### TYPICAL CHARACTERISTICS

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Color	Amber
Specific Gravity	0.99
pH (5% solution)	9.4

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We therefore recommend you consult a Fuchs Lubricants Co. Application Engineer to discuss application conditions and the performance criteria of the products before the product is used. It is the responsibility of the user to test the functional suitability of the product and to use it with the corresponding care.

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