

ECOCOOL 711 C

Water Miscible Cutting & Grinding Fluid

Description

ECOCOOL 711 C is a semisynthetic water miscible coolant intended for moderate to heavy duty machining and grinding applications for both ferrous and nonferrous metals in both individual sumps and central systems. It is formulated to provide long sump life, low odour, and excellent pH stability.

ECOCOOL 711 C is designed to form a micro-emulsion when mixed with water for improved emulsion stability, efficient heat transfer from the cutting tool, and tolerates tramp oils without producing insoluble residues. It contains a novel lubricity package that makes it especially effective for aluminium machining and extreme pressure package to extend tool life on steel. It is low foaming and is stable in water 500 ppm as CaCO₃.

How to Use

ECOCOOL 711 C is mixed with water for use. It may be used at concentrations ranging from 10:1 to 20:1. Your local FUCHS representative can provide you with specific recommendations for your operation. When mixing, always add ECOCOOL 711 C concentrate to water.

The product should be stored in its original sealed container at temperatures between 7°C (45°F) and 32°C (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

- Excellent sump life
- Excellent pH stability
- Micro-emulsion for improved stability and efficient heat transfer
- Stable in hard water
- Minimal scum / residues in hard water
- Low foam in soft water
- Suitable for high speed & high pressure application
- Good detergency
- Easily cleaned from parts
- Excellent tool life and surface finish on machined parts
- Multi-metal compatible
- Excellent corrosion protection
- Keeps systems clean when running cast iron

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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CHARACTERISTICS

Color	Amber
Specific Gravity	0.99
pH (5% solution)	9.5

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The information contained in this brochure is based on the experience and know-how of FUCHS LUBRICANTS CO. in the development and manufacturing of lubricants and represents the current state-of-the-art. The performance of our products can be influenced by a series of factors, especially the specific use, the method of application, the operational environment, component pre-treatment, possible external contamination, etc.

For this reason, universally-valid statements about the function of our products are not possible. The information given in this Product Information sheet represents general, non-binding guidelines. No warranty expressed or implied is given concerning the properties of the product or its suitability for any given application.

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.

Our products undergo continuous improvement. We therefore retain the right to change our product program, the products, and their manufacturing processes as well as all details of our Product Information sheets at any time and without warning. With the publication of this Product Information sheet, all previous editions cease to be valid.

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