

## ECOCUT 8000 SERIES

### Cutting & Grinding Oils

#### Description

ECOCUT 8000 series cover all ranges of metal removal applications and substrates. All are formulated with the highest quality additives and base oils to insure optimum performance, stability and operator acceptance.

The ECOCUT 8100 series is formulated for light to moderate duty applications with ferrous metals and light to heavy duty for yellow metals. The 8100 series can also be used as dual purpose for machine lubrication to reduce dilution of the cutting fluid.

The ECOCUT 8200 series is formulated for most applications with ferrous metals, but should not be used on yellow metals. The 8200 series may also be used as dual purpose for machine lubrication to reduce dilution of the cutting fluid.

The ECOCUT 8300 series is formulated for light to heavy duty applications on ferrous metals, but should not be used on yellow metals. They are formulated with a high level of extreme pressure additives, but do not contain chlorinated paraffins.

The ECOCUT 8400 series is formulated for light to heavy duty applications on ferrous metals, but should not be used on yellow metals. They are formulated with a combination of extreme pressure additives including chlorinated paraffins.

#### How to Use

ECOCUT 8000 series fluids are used as received for all machining operations. Your local FUCHS representative can provide you with specific recommendations for your operation.

The product should be stored in its original sealed container at temperatures between 45°F and 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

- Extreme pressure (EP) additives to optimize the life of tool and grinding media
- Boundary additives to insure excellent surface finishes
- Superior performance on difficult metals
- High resistance to misting and smoking
- High corrosion resistance
- Good air release to minimize air entrainment
- High flash points
- Wide range for all metals and applications

#### How to Clean

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

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Product	Characteristics			Substrate / Applications										
				Ferrous					Stainless	Cast Iron	Aluminum		Titanium	Yellow
	Viscosity 40C, cSt	Flash Point, °F	Dual Purpose	EDM	Honing	Grinding	Light Duty	Heavy Duty	All	All	Light Duty	Heavy Duty	Heavy Duty	All
ECOCUT 8110	10	358	v		•	•	•	○	○	○	•	•	○	•
ECOCUT 8210	10	351	v		•	•	•	•	○	•			•	
ECOCUT 8310	10	320			•	•	•	•	•	•			•	
ECOCUT 8410	10	316												
ECOCUT 8510	10	309			•	•	•	•	•	•	•	•	•	•
ECOCUT 8122	22	410	v		•	•	•	○	○	○	•	•	○	•
ECOCUT 8222	22	387	v		•	•	•	•	○	•			•	
ECOCUT 8322	22	361			•	•	•	•	•	•			•	
ECOCUT 8422	22	351			•	•	•	•	•	•			•	
ECOCUT 8522	22	351			•	•	•	•	•	•	•	•	•	•
ECOCUT 8132	32	399	v		•	•	•	○	○	○	•	•	○	•
ECOCUT 8232	32	399	v		•	•	•	•	○	•			•	
ECOCUT 8332	32	374			•	•	•	•	•	•			•	
ECOCUT 8432	32	396			•	•	•	•	•	•			•	
ECOCUT 8146	46	433	v		•	•	•	○	○	○	•	•	○	•
ECOCUT 8246	46	387	v		•	•	•	•	○	•			•	
ECOCUT 8346	46	379			•	•	•	•	•	•			•	
ECOCUT 8446	46	379			•	•	•	•	•	•			•	
ECOCUT 8168	68	428	v		•	•	•	○	○	○	•	•	○	•
ECOCUT 8268	68	399	v		•	•	•	•	○	•			•	
ECOCUT 8368	68	421			•	•	•	•	•	•			•	
ECOCUT 8468	68	399			•	•	•	•	•	•			•	

- Preferred
- Satisfactory

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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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