

# Product Performance Features

MOVING YOUR WORLD



## ECOCOOL® GLOBAL 2000

Premium Automotive Industry water-miscible, multi-metal cutting and grinding fluid.

ECOCOOL® GLOBAL 2000 is a water-miscible machining product unlike any metalworking fluid in the market today. Developed for the automotive and automotive supply industry.

Based on FUCHS' latest advanced chemistry, and includes a novel lubricity package for increased metal removal rates and reduced tooling costs.

### Increases Productivity

- **LONG sump life**  
Stable pH  
Low odour  
Better operator acceptance
- **REDUCED maintenance**  
Low foam  
Rejects tramp oil  
Less tank-side additions
- **REDUCED tooling costs**  
High lubricity for arduous tasks  
Reduces rework costs
- **LESS rejected parts**  
Excellent stain control on aluminium  
Excellent ferrous protection

### Increases Efficiency

- **IMPROVED tool life**  
Highest lubricity in it's class  
Reduces tool costs
- **LOW foaming**  
Robust problem solver
- **MULTI-MACHINE use**  
Machining and grinding
- **CLEANER machines**  
Excellent washing properties  
Good filterability
- **SAFER to use**  
No Dangerous Goods/Harmful to aquatic life pictogram and statement



**EXTENDED  
SUMP LIFE**



**EXCELLENT  
HARD WATER  
STABILITY**



**REDUCED  
STAINING ON  
ALUMINIUM**



**RESISTS  
MICROBIAL  
ATTACK**

 **LOW  
FOAMING**

 **HIGH  
CHIP  
REMOVAL  
RATES**



**NON  
IRRITATING  
TO SKIN**

#### PLEASE NOTE

This document is to be read in conjunction with the current PI sheet for the ECOCOOL® GLOBAL range of lubricants. All figures quoted are correct at the time of publication.

## FAQs

**Q Does it contain boron, formaldehyde and MEA (monoethanolamine)**

**No** It is the latest generation of metalworking fluids formulated with a unique chemistry which provides long sump life without the use of boron, chlorine, FAD biocides, bactericides or fungicides, secondary amines, MEA and TEA.

**Q Can it be used with hard or soft water?**

**Yes** The product works well with hard or soft water. Our unique formulation allows compatibility with all water hardness levels.

**Q Can it only be used for machining aluminium?**

**No** The unique formula allows for use with other materials such as brass, cast iron, copper, SG iron, mild steel, HT steels, stainless steel, titanium and inconel.

**Q What about staining on aluminium?**

It provides excellent aluminium stain control — on par with aerospace products and also provides ferrous corrosion protection.

**Q What is an optimum concentration level?**

To ensure the optimum corrosion protection and service life of the emulsion, we recommend the minimum concentration of **> 6%**.

**Q How can I clean my parts after machining?**

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

## ECOCOOL® GLOBAL Series

- **GLOBAL 1000**  
Heavy duty aero / medical / semicon
- **GLOBAL 1500**  
Aluminium aero / auto
- **GLOBAL 2000**  
General purpose aluminium
- **GLOBAL 2500**  
Heavy duty aluminium
- **GLOBAL 3500**  
Cast iron cutting and grinding

