

## ECOCOOL® GLOBAL 20

### Automotive Industry Water Miscible Cutting and Grinding Fluid

#### Description

ECOCOOL® GLOBAL 20 is an Auto industry grade water-miscible machining coolant unlike any metalworking fluid in the market today. Based on Fuchs' patented technology it provides benefits to Operations, Maintenance, Purchasing, EH&S and Quality Management.

ECOCOOL® GLOBAL 20 helps maximize operational productivity and improves the work environment while providing costs savings.

ECOCOOL® GLOBAL 20 contains a novel lubricity package that makes it especially effective on aluminium and steel. Studies on aluminium milling show dramatic improvements in tool life and metal removal rates.

#### Application

ECOCOOL® GLOBAL 20 is mixed with water for use. Typical in use concentration is 5% but your local FUCHS representative can provide you with specific recommendations for your operation. When mixing, always add ECOCOOL® GLOBAL 20 concentrate to water. The product should be stored in its original sealed container at temperatures between 7°C – 32°C (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.

#### Benefits

- Increases productivity due to fewer machine stoppages for tooling and coolant changes
- Saves money via lower consumption
- Lowers costs by reducing tooling consumption
- Improves the work environment by being near odourless, low foaming and rated as non-irritating to human skin
- Usable in the hardest and softest water types
- Reduces operational complexity as it can be used in multiple operations and is safe on nearly all metals
- One formula offered all around the globe ensures quality no matter where it operates
- Meets the Chemical Registry requirements of the top 19 industrialized economies and most major manufacturing companies' restricted chemicals lists.

#### 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.

## ECOCOOL<sup>®</sup> GLOBAL 20

Characteristics	Unit	
Concentrate appearance		Amber
Density at 15C	g/cm3	0.99
Viscosity of concentrate at 40°C	mm <sup>2</sup> /s	30.3
pH at 5% emulsion		9.4
Refractometer Value		1.9

Health, Safety and Environment - information is provided for products in the relevant Safety Data Sheet. This provides guidance on potential hazards, precautions and first-aid measures, together with environmental effects and disposal of used products.