



## SCHUTZZEN ECO

Soluble Cutting Fluid

### Introduction

SCHUTZZEN ECO is conventional water soluble metal removal fluid for machining and grinding applications.

### Typical Applications

Grinding and machining of cast iron, steel and aluminium alloys.

### Recommended Concentrations

Machining 10:1 to 20:1  
Grinding 20:1 to 25:1

### Advantages

- Economical to use.
- Provides corrosion protection and good lubrication for machine ways and indexing mechanisms.
- It can be used for individual & centralized tank system.

### Typical Physical Properties

These properties are typical but should not be construed as recommending the infringement of any patent.

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#### Appearance

Neat	Clear Amber fluid
Stability (4°C/ambient/50°C)	Clear Stable
Specific Gravity (at 29.5°C)	0.873
Kinematic Viscosity (at 40°C)	28-30 cSt

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#### Emulsion Type

pH @ 5% deionized water	9-10
pH @ 5% 500ppm hard water	9-10
Refractive Index	1.0
Cast Iron Corrosion Test (IP 287)	5.0% BP (clean paper)
Aluminium Corrosion Test	No Staining
TOYODA Demulsification	89/ 2 / 9

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### Shelf Life

Under normal conditions, the recommended shelf life is 12 months.

### Packaging

Shipped in 30 Liters and 210 Liters.