



SCHUTZZEN MICRA

Semi Synthetic Cutting Fluid

Introduction

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

Typical Applications

Machining and grinding of cast iron, steel and aluminium alloys.

Recommended Concentrations

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

Advantages

- Good antibacterial performance prolongs coolant sump life.
- 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.

Appearance

Neat	Clear Amber fluid
Stability (4°C/ambient/50°C)	Clear Stable
Specific Gravity (at 29.5°C)	0.980
Kinematic Viscosity (at 40°C)	85-90 cSt

Emulsion Type

pH @ 5% deionized water	9-10
pH @ 5% 500ppm hard water	9-10
Refractive Index	1.6
Cast Iron Corrosion Test (IP 287)	2.0% BP (clean paper)
Aluminium Corrosion (6 Alloys)	No Staining
TOYODA Demulsification	89/ 2 / 9

Shelf Life

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

Packaging

Shipped in 30 Liters and 210 Liters.