

Water Soluble Cutting Fluid(Long life type)

**MORESCO
TOOLMATE™**

CUTTING STAR 88SU

Cutting Star 88SU is a long life type water soluble cutting fluid, developed for a difficult-to-cut process.

Characteristics

1. Excellent lubricity.

Many achievements in burnishing reaming of aluminum alloys and processing of difficult-to-cut materials such as titanium alloys.

2. Excellent antiseptic properties.

Although it is an emulsion type, we have adopted our new core technology to greatly improve antiseptic performance.

3. Excellent compatibility with aluminum.

It has excellent anti-corrosion properties for non-ferrous metals, especially aluminum alloys.

4. Non choline and non boron

Chlorine free and boron free coolant.

Properties

Undiluted Fluid

		General Properties
JIS Standard Group		A 1-1
Appearance		Light Brown
Density	15°C g/cm ³	0.96
Viscosity	40°C mm ² /s	83
Flash Point	°C	None



Diluted Fluid (x20)

Appearance		White Emulsion
pH		9.3



Applications

Machining processing of: Titanium, Aluminum and Steel Alloy, Cast iron etc.
 Brix F = 1.1 (5wt%=4.5Brix%, 10wt%= 9.1Brix%)

Packages

18L Square Can , 200L Steel Drum

Hazardous

Non Hazardous (Japanese Fire Defense Law)

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