

Water Soluble Metalworking Fluids (Bio-Static Type)

**MORESCO
 TOOLMATE**

CUTTING STAR 8800AT

Cutting Star 8800AT is a long life type water soluble cutting fluid, developed for aerospace parts such as titanium and aluminum alloys.

Characteristics

1. Excellent lubricity.

Wonderful finish of the product and the extension of service life of the tools.
 Good for processing of aluminum, stainless steel, titanium alloys.

2. Excellent in Antisepsis

It applied a Bio Static Technology which inhibits corruption by combining of antibacterial additives without depending on only antiseptic or alkaline agent.

3. Excellent anti-corrosion effect to Non-ferrous metal.

Excellent in anti-corrosion to Non-ferrous metal (especially aluminum alloys), preventing the change of colour in work materials.

4. Bombardier Aerospace approval

As "Class A", Cutting Star 8800AT has Bombardier Aerospace approval.

5. Non Chroline, PRTR free

An environmentally friendly coolant:
 Chroline-based extreme pressure additives is not added.

*Substances floating on the coolant may be seen in the beginning of use.
 They are antifoaming additive and desapper in a couple of days.

Properties

Undiluted Fluid

		General Properties
JIS Standard Group		A 1-1
Appearance		Brown
Density	15°C g/cm ³	0.98
Viscosity	40°C mm ² /s	107
Flash Point	°C	None



Diluted Fluid (x20)

Appearance	White Emulsion
pH	9.7



Applications

Machining processing of: Titanium, Aluminum and Steel Alloy etc.
 Brix F = 1.2 (5wt%=4.3Brix%, 10wt%= 8.7Brix%)

Packages

18L Square Can , 200L Steel Drum

Hazardous

Non Hazardous (Japanese Fire Defense Law)

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