

Water Soluble Cutting Fluid (Bio-Static Type)

# MORESCO TOOLMATE BS-6S

MORESCO TOOLMATE BS-6S is developed for the machining of Aluminium Alloys and various other metals. It has excellent anticorrosion property that prevent work materials from corrosion. In addition it also reduce the amount of stickiness in the machine.

**Characteristics**
**1. Excellent anti-corrosion effect to Non-ferrous metal.**

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

**2. Excellent Cutting performance.**

MORESCO TOOLMATE BS-6S has great workability compared to the conventional soluble type cutting fluid, especially for the machining of Aluminium Alloys.

**3. Excellent Antisepsis**

Supressing the breeding of bacteria that cause decay and corruption by using our company own's accumulated technique and excellent antisepsis. This innovation is different to other coolants that only rely on antiseptic and alkaline additives.

**4. Non Chroline**

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

**5. Excellent Washability**

MORESCO TOOLMATE BS-6S has an excellent washability that reduce the stickiness of machine and work materials greatly.

This also leads to the simple and easy cleaning of the work materials.

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

**Undiluted Fluid**

		Typical Property
JIS		A 2-1
Appearance		Brown Slightly Cloudy
Density	15°C g/cm <sup>3</sup>	0.97
Kinetic Viscosity	40°C mm <sup>2</sup> /s	79
Flash Point	°C	None

\*A small amount of deposit may be generated in the undiluted fluid.

**Diluted Fluid**

Appearance		White Semi-Transparent
pH	1:20 dilution	8.8


**Properties**
**Application**

Machining processing of: Aluminum Alloy, Steel Alloy, Cast iron, etc.  
Brix F=1.4 (5wt%=3.6Brix%, 10wt%=7.1Brix%)

**Packaging**

18L / Can, 200L / Drum

**Regulation**

Non Hazardous (Fire Defense Law)

**株式会社 MORESCO**

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