Supplier - SMART OIL

SanSol MA806

Mg/Al Alloys Micro-emulsion

Micro-Emulsions

Typical Properties

Appearance	Bluish Green Liquid
pH Value (5% Water Dilution)	8.0 - 9.5
Refractometer Reading (5% Water Dilution)	4.2 - 5.2
Smart Oil Drilling Index+, Holes	116

+CNC: Rotation Speed: 3500rpm, Drilling Heads: 1mm, Advance: 22, Drilling Depth: 4mm, Drilling Material: 316L

Product Description

SANSOL MA806 is a superior micro-emulsion specially designed for machining magnesium and sensitive aluminum alloys.

SANSOL MA806 is carefully formulated with high performance lubricity additives to enhance tool life and surface finishing. It does not rely on sulfur, chlorine or nitrite-containing additives, that known to be harmful to the environment.

SANSOL MA806 reduces or eliminates fire hazard during machining since it does not use components that tend to react with magnesium or aluminum, that might generate of hydrogen.

SANSOL MA806 does not have separation problem easily during storage and leave no residue on metal surface during or after machining magnesium-based alloys, as compared to other water-based metalworking fluids.

Key Performance Advantages

- Chlorine, sulfur and nitrite free;
- Excellent magnesium compatibility;
- Suitable for magnesium and sensitive aluminum alloys, also good for steels and irons;
- Little or no hydrogen generation reducing the risk of fire hazard;
- Extreme hard water tolerance;
- Leave no residue during or after machining;
- Ensure a long sump life.

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