

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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