

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.

Print date: 24-08-26

Disclaimer: Information provided by this website and product page including specifications, applications and formulations are based on tests and data supplied by Smart Oil companies, manufacturers or any of our collaborated companies or suppliers, which are believed to be correct and reliable at the time of writing and data update. However, Smart Oil companies, manufacturers or any of our collaborated companies or suppliers make no warranty or responsibility, express or implied, of any kind regarding products, performance, formulations or applications, as operation conditions and application environments are beyond our control, or products will be modified by action of manufacturers or due to change in market environments. Users are herewith expressly requested to conduct test to determine the suitability of our products or product information before use. Furthermore, we regret that we cannot be responsible for informing customers any changes in specifications, formulations, or other technical contents on this website and product page. Also, We hereby state that all product trademarks other than Smart Oil, including trademarks from our , suppliers are the trademarks belong to the respective companies, or from their sources.