

Tapping emulsified oil

● Performance Overview

Maxtop tapping emulsified oil is specially designed for metal tapping, drilling and other processing techniques, providing efficient lubrication and cooling protection. It adopts an environmentally friendly formula, with no irritating smell during operation, reducing the burden on operators and the environment. It has excellent anti-rust performance, which can extend the service life of workpieces and tools and prevent the oxidation of the metal surface after processing. The residue after use is easy to clean, keeping the working environment clean. It is applicable to various materials such as stainless steel, cast iron and aluminum alloy, and is compatible with manual or automatic processing equipment.

● Features

01

It has a high oil content, significantly reducing the coefficient of friction, minimizing tool wear and enhancing processing efficiency.

03

A protective film is formed on the metal surface to prevent oxidation and corrosion and extend the storage period of the workpiece.

05

The tough oil film prolongs the service life of taps and tools, and reduces the risk of chipping and wire breakage.

02

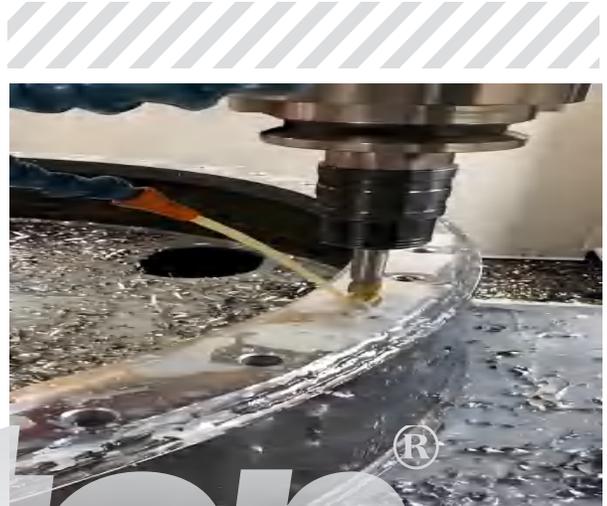
Quickly remove the cutting heat, suppress the temperature rise, and prevent the workpiece from deforming and burning.

04

High extreme pressure reduces surface wrinkling of the workpiece, improving processing accuracy and smoothness.

06

Promote the smooth discharge of debris, keep the processing area clean, and reduce the problem of jamming.



● Application Scenario

- 1: Metal cutting processing
Compatible machines: lathes, milling machines, drilling machines, boring machines
- 2: Tapping and thread processing
Compatible machines: drilling machines, tapping machines, multi-axis machining centers
- 3: Grinding and polishing processing
Compatible machines: surface grinding machine, cylindrical grinding machine, polishing machine
- 4: Lubrication of hydraulic equipment
Compatible machines: Hydraulic supports, cylinder transmission systems
- 5: Material stretching and forming
Compatible machines: Metal drawing machine, wire drawing machine, rolling equipment

Performance indicators of tapping emulsified oil

Project	Quality indicators
The stability of 10% emulsion (15-35°C, 3 hours), ml shall not exceed	4
PH value of 10% emulsion	8~9
Rust prevention of 10% emulsion (iron sheet, single sheet, 25-352°C) Relative humidity: 80%, h is not less than	24
The maximum non-seizing load (Pb) and N (kgf) of emulsified oil shall not be less than	686.5 (70)

Maxtop[®]