Glass grinding fluid

Performance Overview

Maxtop Glass grinding fluid (MTGGF) is composed of multiple rust inhibitors, lubricants and complex additives. It features excellent rust prevention, sedimentation, smoothness and long service life, and is free of mineral oil. A functional cooling and lubricating medium specially designed for precision glass processing, suitable for cutting, edge grinding, drilling, polishing and other processes, aiming to enhance processing efficiency, extend tool life and ensure the cleanliness and anti-fouling performance of the glass surface. Powerful cleaning: Quickly moisten the glass surface and remove debris, preventing scratches and fogging.

Features

01

It is an environmentally friendly grinding fluid that does not contain harmful substances such as sulfur, chlorine, organic phosphorus and phenol, and the waste liquid is easy to handle.

02

It has a long service life, does not contain mineral oil, animal or vegetable oil, the product will not spoil and has good storage performance.

03

The environmentally friendly formula has no odor and does not contain harmful substances such as sodium nitrite and phenol.

04

Good cooling performance to avoid sparks and burnt edges.

05

The grinding dust is easy to settle, the workpiece is easy to clean, and it does not contain fatty acid soap.

06

Excellent lubricity, effectively reducing edge collapse and extending the life of the abrasive tool .

Application Scenario

1. Ultra-thin photovoltaic glass (≤2mm) adopts laser/diamond wire cutting technology, with a debris removal rate of ≥95%.
2.Precision edge grinding and coating processes enhance the efficiency of photovoltaic modules and ensure the adhesion of screen printing.
3.High-permeability coolant is required for deep hole drilling of bathroom glass to ensure the accuracy of the hole diameter and processing efficiency.
4.The polishing of home appliance panels adopts a residue-free formula to optimize the coating and protective effect of the film.
5.High-temperature rolling technology is used to produce ultra-thin glass, balancing lightweight and structural stability.

No. 138, Guanshan Road, Shuangliu District, Chengdu, China (Sichuan) Pilot Free Trade Zone
TEL：+8613541155698 EMAIL：maxtop@maxtop-oil.com
TEL：+864008330667 Website：www.maxtop-oil.com

Glass grinding oil performance indicators

Project	Quality indicators
Appearance	Colorless to light yellow
odor	Odorless
proportion	1000
pH	9.0~11.0
Dilution: Transparency	Colorless to light yellow
Defoaming	10ml(10minutes)
Surface tension	30.1dyne/cm
Corrosion test: glass	qualified
Rust test: Glass	qualified
Paint resistance test	No bubbles or discoloration
Maximum no-seizure load PB(N)	>800