

# Glass grinding oil

## ● Performance Overview

Maxtop Glass Grinding Oil (MTGGO) is a highly efficient process oil specially designed for the precision processing of glass, such as cutting, edge grinding, drilling, and polishing. Through functions like lubrication, cooling, dust prevention, and extending tool life, it ensures the high precision and surface finish of glass processing. High-efficiency lubricity: Stabilize the lubricating film, reduce the friction coefficient between the grinding wheel and the glass, and decrease tool wear by more than 30%. Rapid cooling capability: High thermal conductivity, quickly dissipates grinding heat, preventing local overheating of the glass from causing cracks or chipping.

## ● Features

### 01

**High lubricity:** Provides good lubrication, reduces friction between the grinding head and the glass, and reduces wear of the grinding head.  
**Good cooling:** Quickly removes the heat generated by grinding to prevent the glass from breaking or deforming due to local overheating.

### 03

**Anti-foaming property:** It is not easy to generate foam during the grinding process, ensuring the stability and continuous supply of grinding oil.

### 02

**Anti-corrosion:** Prevent chemical corrosion during grinding and protect the glass surface from erosion. **Cleaning:** Helps remove the debris and powder generated by grinding to prevent them from affecting the grinding quality and accuracy.

### 03

**Transparency:** Some glass grinding oils have high transparency, which is convenient for observing the grinding process and glass surface.



## ● Application Scenario

It is suitable for glass core edge grinding process of glass, resin glass, optical glass, flat glass, camera lens, glasses lens, TV recorder tube glass, etc.

# Glass grinding oil performance indicators

Project	Quality indicators
Appearance	Transparent without impurities
Density ( 20 °C), kg/ m3	Measured
Flash point (closed cup), °C No less than	70
Kinematic viscosity ( 40 °C), mm 2 / s	2.14~3.4
Mechanical impurities, % No more than	none
Moisture, % No more than	none
Corrosion test ( T3 copper sheet , 50 °C, 3h ) / level not more than	1
Water soluble acid or base	none



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