

## CUT-812 Cutting oil

### 【Product Performance】

CUT-812 is a general purpose cutting oil specially configured for medium and high machinability metals under medium demanding operating conditions, suitable for medium and high difficulty cutting. The cutting oil has moderate viscosity and good cooling property, and is suitable for turning, milling, drilling, tapping and punching of copper, aluminum, iron and other metals.

### 【product parameters】

project	Typical data	Test method
Appearance	Light yellow transparent	Visual inspection
smell	Low odor	---
density ( 20°C )	0.82~0.87	Hydrometer
Kinematic viscosity at 40°C (mm <sup>2</sup> /s)	21~23	GB/T 265
Flash point (°C)	>165°C	GB/T 267
Mechanical impurities	Up to standard	GB/T 511

### 【Performance characteristics】

- ★ Good Versatility: Formulated with a variety of special additives, it is non-corrosive to ferrous metals, copper, aluminum, and other non-ferrous metals, ensuring the brightness of the processed parts. Suitable for multiple materials and machining methods, reducing the variety of inventory products.
- ★ Good Lubricity: Possesses excellent extreme pressure and friction reduction properties, effectively ensuring the surface brightness of the processed parts and extending the tool life.
- ★ Excellent Cooling: Capable of removing the heat generated by intense friction during high-speed machining, reducing odor and component deformation to a minimal level.
- ★ Excellent Operability: Transparent in color, making it easy to observe the workpiece during machining. Low odor and low oil mist, making it easy for operators to adapt.

**【Range of application】**

- Suitable for copper, aluminum, iron and other metals turning, milling, drilling, tapping, punching and other processing technology.

**【Packaging specifications】**

18L/ plastic bucket, 200L/ large iron bucket.