

## CUT-816 Micro-lubricated cutting oil

### 【Product Performance】

CUT-816 micro-lubricating cutting oil, with high lubricating vegetable oil and synthetic ester base oil as the main components, adding high efficiency extreme pressure additives and antioxidants, free of free chlorine and its derivatives, safe and non-toxic, with excellent smoke resistance and lubricity, especially suitable for metal cutting under the state of micro-lubrication.

### 【product parameters】

project	Typical data	Test method
Appearance	Yellow transparent	Visual inspection
Smell	Low odor	-----
density ( 20°C )	0.85~0.90	hydrometer
Kinematic viscosity 40°C (mm <sup>2</sup> /s)	30~35	GB/T 265
Flash point (°C)	>250°C	GB/T 267
Mechanical impurities	Qualified	GB/T 511

### 【Performance characteristics】

- ★ Lubricity: Extremely strong lubricity with good adhesion; even a minimal amount of spray can achieve very high cutting performance, suitable for minimal lubrication systems.
- ★ Environmental Friendliness: Made from renewable materials, it has good skin compatibility and is easily biodegradable.
- ★ 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 circular sawing and belt sawing of large aluminum ingots, large size solid copper and aluminum bars and profiles. It is suitable for the processing of ferrous and non-ferrous metals, and can also be used for milling, turning, drilling, sawing, tapping and other processing processes

### 【Packaging specifications】

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