

CUT-811 Non-ferrous metal cutting oil

【Product Performance】

CUT-811 is a non-ferrous metal cutting oil specially configured for medium machinable metals under medium demanding operating conditions, suitable for medium to low difficulty cutting. The cutting oil has low viscosity, good cooling, and is suitable for high-speed cutting, especially for CNC machining centers.

【product parameters】

project	Typical data	Test method
Appearance	Light yellow transparent	Visual inspection
Smell	Low odor	-
density (20°C)	0.80~0.85	hydrometer
Kinematic viscosity at 40°C (mm ² /s)	6~8	GB/T 265
Flash point (°C)	>135°C	GB/T 267
Mechanical impurities	Up to standard	GB/T 511

【Performance characteristics】

- ★ Excellent Cooling: Capable of removing the heat generated by intense friction during high-speed machining, reducing odor and component deformation to a minimal level.
- ★ Good Versatility: Formulated with a variety of special additives, it is non-corrosive to non-ferrous metals, ensuring the brightness of the processed parts. Suitable for multiple materials and machining methods, reducing the variety of inventory products.
- ★ Good Cleaning and Settling Properties: Quickly removes metal chips, oil, sludge, and other debris from the workpiece surface, and ensures fast settling of fine powders, avoiding negative impacts on machining efficiency and surface quality, and reducing the clogging of pipelines.
- ★ 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.
- ★ Lubricity: Provides excellent friction reduction properties, effectively ensuring the surface quality of the workpiece and extending the life of the tools.

【Range of application 】

Copper, aluminum and other non-ferrous metal cutting processing.

【Packaging specifications】

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