

CUT-818 series deep hole drilling oil

【Product Performance】

CUT-818 series deep hole drilling oil, composed of non-active sulfur, chlorine and other special high efficiency extreme pressure anti-wear additives, oil additives and mineral oil, can effectively prevent metal contact surface sintering, reduce tool wear, significantly improve tool life. In addition, it contains a highly permeable lubricant, which effectively reduces the friction resistance of the cutting edge and the operating load, while improving the machining accuracy and the surface finish of the workpiece.

【product parameters】

project	index	
	CUT-818 (vertical)	CUT-818A(horizontal)
Appearance	Yellow transparent	Yellow transparent
Kinematic viscosity at 40°C	8	16
Flash point (°C)	170°C	160°C
Corrosion (100°C, 3h) steel	Up to standard	Up to standard
Sintering load PD(N)	3920	3920
Water-soluble acid and base	无	无

【Performance characteristics】

- ★ Strong and Durable Oil Film: Provides excellent protection, cooling, and lubrication for the cutting edge, ensuring high feed rates and cutting speeds to achieve perfect surface quality, extending tool life, and preventing built-up edge formation.
- ★ Good Surface Finish and Precision: Ensures high-quality surface finish and machining accuracy.
- ★ Good Flowability: Outstanding penetration performance with excellent chip removal capability.
- ★ No Oil Mist: Significantly reduces the impact of the working environment on health.

【Range of application】

This product is a pure oil-based cutting oil specifically designed for deep hole drilling processes, such as deep hole drilling, boring, gun drilling, and other drilling lubrication and cooling applications. It is suitable for machining alloy steel, stainless steel, high nickel alloy, high-strength and high-hardness ferrous metals, steel, and difficult-to-machine materials. It is also suitable for honing, precision machining, and heavy-duty machining of high-strength metals.

【Packaging specifications】

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