

CUT-527A Universal High-Quality Microemulsion Cutting Fluid

【Product Performance】

CUT-527A Universal High-Quality Microemulsion Cutting Fluid is a versatile and high-quality microemulsion cutting fluid specially designed for multi-purpose use. Formulated with premium imported additives, it boasts excellent lubrication and rust prevention properties. It can process a variety of materials including copper, iron, aluminum, stainless steel, etc., eliminating the hassle of frequent oil changes. This significantly reduces labor costs and greatly extends the lifespan of cutting tools. It is the ideal choice for processing various materials in metalworking.



200L/drum



18L/drum



base oil



after dilution with water

【product parameters】

testing items	parameters
appearance of the base oil	Orange-yellow, transparent
density	0.87-0.92g·cm ³ (20°)
concentration	70±1
PH value	8.7±0.5
appearance of the diluted solution	Beige, semi-transparent

【usage method】

1. Before using this product, clean the oil tank or oil sump thoroughly. It is strictly prohibited to mix with other oils. Stir evenly before use.
2. Dilution ratio: Concentrate to water = 1:(1:20).
3. The concentration of the working fluid should not be lower than 5. Adjust the concentration of the working fluid appropriately according to different processing techniques, materials, and rust prevention requirements. For example: when processing stainless steel, the dilution ratio can be adjusted to concentrate to water = 1:(1-10); when processing copper and aluminum, the dilution ratio can be adjusted to concentrate to water = 1:(5-20).
4. Note: For rust prevention, after 3 days, water can be added at a ratio of 10:1. After 7 days, water can be added at a ratio of 5 to 7 parts water to 1 part concentrate. After 10 to 15 days, water can be added at a ratio of 3 to 5 parts water to 1 part concentrate.

【packaging specifications】

18L per plastic drum, 200L per large iron drum