

CUT-525A Universal High-Quality Fully Synthetic Cutting Fluid

【Product Performance】

CUT-525A Universal High-Quality Fully Synthetic Cutting Fluid is a high-quality universal synthetic metalworking fluid specially designed for multi-purpose use. It can process both black metals and non-ferrous metals (such as cast iron, carbon steel, 45# steel, stainless steel, copper, aluminum alloys 1-7 series). Formulated with high-quality imported additives, it possesses excellent lubrication and rust prevention properties, significantly extending the lifespan of cutting tools and eliminating the hassle of frequent oil changes. Workpieces processed with this fluid require no cleaning, reducing labor costs substantially. It has low odor, low foaming, skin-friendly, environmentally friendly, and easy to discharge. Using this product can solve many of your worries!



200L/drum



18L/drum



base oil



after dilution with water

【product parameters】

testing items	parameters
appearance of the base oil	pale yellow, transparent
density	1.06-1.09g·cm ³ (20°)
concentration	35±1
PH value	9±0.5
appearance of the diluted solution	pale cyan, translucent

【usage method】

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

【packaging specifications】

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

【Precautions】

1. Due to different production batches, there may be slight color variations in the cutting fluid, which do not affect its normal use.
2. This product should be stored in a dry, cool, and well-ventilated warehouse, and exposure to direct sunlight and rain should be avoided during storage and transportation.