Emulsifiable cutting oil - White (OL107B)

This product is specific for machining processes such as drilling, threading, milling and hard metals and stainless steel cutting. It protects from vibrations and corrosive effects.



Quantity	5 L
Barcode	EAN 13: 8034108896069
Pack	1 pz

WHITE EMULSIFIABLE CUTTING OIL – It's an emulsifiable oil containing a high quantity of oily compound. It forms macro-milky emulsions in water. This formulation contains special EP additives for ferrous materials that provide optimal performances in the field of Extreme Pressure and it provides superior performance in burdensome actions and very stressful metal cutting (broaching, tapping, etc.), even on materials normally hard to work with (ex: alloy steel). If the product is bathed at concentrations of less than the refractive 3%, it may be subject to bacterial contamination and subsequent development of bad odors, pH lowering, and corrosion. The recommended average concentration is 4-6%. Usually to keep the emulsion at 5% it will have to be topped at 2.5-3%.

HOW TO USE: Shake well before use. The product mixture is made by adding water and not the opposite. In order to ensure a long life with high efficiency conditions, it is recommended to keep the tanks and the circuits clean.
Recommended percentages:
Grinding: 3%
Milling: 3%
Turning: 4.5%
Thread: 4%
Tapping: 4%
cast iron work: 6%

Please note that these are only tips for the use, the% can change according to the specific needs of each user.

Technical Specifications:

Aspect	Tank
Color	Amber yellow
Odor	Typical
Relative density	at 20°C 0,90 +/- 0,92 g/ml
Flash point	> 150 °C (ASTM D92)
pH	9,15 +/- 0,10 (PHmeter emulsion at 5% refractometry)
Type	Macro-emulsion in water (milky)
refractometer	+/- 1 (pure product)
Water solubility	Emulsion in water
Viscosity	48cTs (pure product)
Pour point	-18°C (pure product)
Test	IP 125 al 3% passed
Work Difficulty index	S= easily workable, K=medium workable, U= difficult workable
Use on materials	Ferrous metals (steel, iron, ecc.)

MODALITY OF STORAGE

Before using: stock the product in a dry location and don't stock it with a temperature under 5°C and over 45°C, after the use, keep containers closed. In the original package, the product can be conserved for 24 months (warranty). The product doesn't expire.
After the first usage: conserve in a fresh and dry location, away from hot spring. Keep out of reach of children.

This information, even if reliable, must be considered only approximate. We are not responsible for the wrong use of the product, or the violation of any license. Before using, the users should verify the suitability of the product for its specific use.

BEFORE USE, CONSULT THE SAFETY DATA SHEET OF THE PRODUCT

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