



HOCUT 1032

EMULSIFIABLE BIOSTABLE FLUID FOR CUTTING OPERATION ON STEEL AND ALUMINIUM ALLOYS

HOCUT 1032 is a biostable emulsifiable fluid specific for cutting operations of steel and aluminium alloys. The total absence of chlorinated additives makes particularly indicated for aeronautical alloys and titanium.

HOCUT 1032 forms in water opalescent emulsions very resistant to microbiological degradation and performing an excellent lubricating and greasing power which guarantee excellent surface finishing even in severe conditions.

Cutting performance and anticorrosive power of **HOCUT 1032**, make the product particularly indicated for medium hard operations of ferrous materials at high toughness.

CHEMICAL-PHYSICAL CHARACTERISTICS

Neat

Appearance	limpid liquid
Specific gravity @15.5°C	0.965
Mineral oil content	~50%

Emulsion

Appearance	Thin milky
pH (3% in distilled water)	9.0-9.5
Anticorrosive protection (DIN 51 360/2) pass at	3%

Concentration of use

Turning, milling, drilling, grinding	3÷5%
Broaching, shearing, tapping	6÷10%

Determination of concentration

Refractometric	factor 1.1
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STORAGE

HOCUT 1032 maintains its chemical-physical and technical characteristics if stored in a sheltered place at temperatures ranging -5°C / +40°C for a maximum period of 6 months.

SAFETY

No toxic or carcinogenic, teratogenic or mutagenic known materials are contained in **HOCUT 1032** such as nitrosamines, phenols, polychlorinated diphenyl, heavy metals, polinuclear hydrocarbons. For the handling of **HOCUT 1032** pay normal care usually given to industrial products. Though not irritant in solution, long time contact is not recommended.

WASTE TREATMENT

HOCUT 1032 cannot be directly discharged. Follow national or local instructions.

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