



# HOCUT 2040

**MULTIPURPOSE SYNTHETIC EMULSIFIABLE EP LUBROREFRIGERANT PRODUCT.**

**MINERAL OIL, CHLORINE AND FORMALDEHYDE FREE**

HOCUT 2040 is a cutting fluid mineral oil, chlorine and formaldehyde free, based on synthetic esters at high viscosity that gives high lubricity and greasiness, essential in hard operations like the cuttings removal.

The opalescent emulsion of HOCUT 2040 allows to see the treated pieces during the working operations also in the most modern working places.

Its optimal stability during the natural aging, also in presence of high conductivities and very hard waters, complete the description of this fluid.

## APPLICATIONS

Medium/hard cutting operations on : steel, inox and aluminium alloys.

HOCUT 2040 may be also used for grinding where it is requested binding tolerances. It is suitable both for centralized systems and single tanks.

## ADVANTAGES

- Mineral oil , Chlorine, Formaldehyde free
- Opalescent emulsion at high detergency
- Very good cutting properties: optimum surface finishings and long life of tools must be obtained
- Low presence of foam and also suitable for working at high pressure
- Stable emulsion with different hardness water
- Protection against oxydation and e biostability

## CARACTERISTICS

### Concentrate

Appearance	Amber liquid limpid
Specific weight at 15,5°C	tipico 1,03

### Emulsion (at 3%)

Appearance	Translucid
pH	8,8-9,2

HOUGHTON ITALIA S.p.A.

### CONCENTRATION OF USE

Turning, Milling	3% - 6%
Drilling, Boring	6% - 10 %
Grinding	3% - 4 %

### CONCENTRATION

Refractometric :1,6

### STORAGE

HOCUT 2032 maintains its chemical-physical and technical characteristics if stored in a sheltered place at temperatures ranging  $-5^{\circ}\text{C}$ – $+40^{\circ}\text{C}$  for a maximum period of 6 months.

### HEALTH AND SAFETY

No toxic or carcinogenic, teratogenic or mutagenic known materials are contained in HOCUT 2032 such as nitrosamines, phenols, polichlorinated diphenyl, heavy metals, polinuclear hydrocarbons.

For the handling of HOCUT 2032 pay normal care usually given to industrial products. Though not irritant in solution, long time contact is not recommended.

### WASTE TREATMENT

HOCUT 2032 cannot be directly discharged. Follow national or local instructions

N°formula X05130