

HOCUT 3270

Water soluble metalworking fluid

DESCRIPTION

HOCUT 3270 is advanced boron-free and formaldehyde-free emulsion technology giving ultra-long sump-life and enhanced machining performance compared to conventional products. HOCUT 3270 is designed for medium duty machining of steel and aluminium alloys in medium to very hard water.

Approved by Renault
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APPLICATIONS

HOCUT 3270 is recommended for medium duty machining of a wide range of materials including automotive aluminium alloys, high alloy steels and cast iron.

Ultra long-life makes the product suitable for both centralised systems and single-sump machines while the advanced boron-free technology extends emulsion life without the need for regular biocide treatments.

The formulation has been optimized to give superior emulsion stability in medium to very hard water (40 - 100°HF CaCO₃).

RECOMMENDATION FOR USE

Medium duty machining 4-6 %

Grinding 3 - 5 %

TYPICAL PHYSICAL PROPERTIES

| | |
|-------------------------|-------------------|
| Concentrate Appearance | Limpid |
| Specific Gravity @ 20°C | 0.95 |
| Refractometer Factor | 1.4 |
| Emulsion Appearance | Opalescent, milky |
| pH in Use | 10.0 |

BENEFITS

- **Ultra long sump life** : Special '795' technology extends intervals between clean outs
- **Very stable emulsion** : fewer additive treatments and lower usage costs
- **Enhanced waste treatability** : reduces effluent costs by chemical separation methods
- **No soap formation** : ideal for use with medium to extremely hard water
- **Boron-free** : no SVHC classification under REACH
- **Excellent EHS profile** : free of Boron, formaldehyde, chlorine and phenol. Contains only TRGS611 approved amines

RELATED PRODUCT

Water soluble coolants are complemented by our full range of high quality, speciality production fluids including energy saving wash chemicals , low misting neat cutting oils, non-VOC rust preventives and long life heat treatment fluids. Fluidcare services complete our value added portfolio with a range of expert services and equipment to help reduce costs and improve productivity. For more information, please contact your local Houghton representative.

STORAGE

Please refer to section 7 of Safety Data Sheets for handling and storage information, including product shelf life. Product should be stored under cover in clean, dry conditions and protected from frost. Recommended storage temperature is usually between 5°C and 40°C unless otherwise specified. Use stock in delivery rotation.

HEALTH AND SAFETY

Safety data sheets are available in accordance with Regulations (EC) No 1907/2006 Annex II and (EC) No 1272/2008.

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