

# HOCUT 3350

Water soluble metalworking fluid

## DESCRIPTION

**HOCUT 3350** is advanced, high lubricity, boron- and formaldehyde-free emulsion technology formulated from mineral oils and a combination of high performance additives. The versatile microemulsion allows ultra-long sump-life and enhanced machining performance compared to conventional products.

**HOCUT 3350** can be used over a wide water hardness range with exceptional low foaming performance and is designed with high protection against corrosion, excellent detergency and high wetting properties for a clean working environment.

## APPLICATIONS

**HOCUT 3350** is ideal for difficult machining including boring and tapping on aluminum and its alloys, and critical machining operations on alloy steels. It is specifically formulated for use on new CNC machines with high flow and pressure.

Long life properties of **HOCUT 3350** makes the product suitable for centralized systems and individual machines. The innovative chemistry without boron and formaldehyde releaser extends life of the emulsion without the need for regular biocide treatments.

**HOCUT 3350** is suitable for medium to hard make-up water.

## RECOMMENDATION FOR USE

General machining 5-8 %

Ferrous grinding 4-6 %

## TYPICAL PHYSICAL PROPERTIES

Concentrate Appearance	Clear Amber oil	
Specific Gravity @ 20°C	0.98	
Refractometer Factor	1.5	
Emulsion Appearance	Opalescent	
pH in Use	9.6-9.8	
Min. Anti-Corr. Protection limit (o – o)	0,03	DIN 51360/2

## BENEFITS

- **Versatile performance** : ideal for all general machining and grinding operations on ferrous materials
- **Very low foaming** : designed for high pressures and flow rates
- **Good corrosion protection** : fewer rejects and lower maintenance cost
- **Very long sump-life** : new HOCUT 795 series emulsion technology extends intervals between clean outs
- **Very stable emulsion** : long fluid life, fewer additive treatments and lower usage costs
- **Very high detergency** : maintains components, machine tools and working environment in clean condition
- **Boron-free** : no SVHC classification under REACh.
- **Excellent EHS profile** : Boron, formaldehyde, chlorine and phenol-free. 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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