

# HOCUT 856 BF

Water soluble metalworking fluid

## DESCRIPTION

HOCUT 856 BF is a fully synthetic blend of polymer lubricants and corrosion inhibitors. The mineral oil-free, transparent solution provides long sump life and excellent tramp oil rejection.

## APPLICATIONS

HOCUT 856 BF is recommended for light duty machining and grinding of ferrous materials including cast iron and low alloy steels. The product completely rejects tramp oil for cleanliness in use.

The synthetic formula is ideal for very high pressure applications where extremely low foam, maximum filtration efficiency and rapid fines separation is required.

The product is designed for soft to medium water hardness.

## RECOMMENDATION FOR USE

General machining 4-6 %

Medium duty machining 6-10 %

Ferrous grinding 3-5 %

## TYPICAL PHYSICAL PROPERTIES

<i>Concentrate Appearance</i>	<i>Transparent yellow fluid</i>
<i>Specific Gravity @ 20°C</i>	<i>1.06</i>
<i>Refractometer Factor</i>	<i>3</i>
<i>Emulsion Appearance</i>	<i>Transparent colourless</i>
<i>pH in Use</i>	<i>8.7-9.3</i>

## BENEFITS

- Rejects tramp oil completely - Excellent component visibility with no spoilage of coolant
- Outstanding low foam - no antifoam treatments necessary
- Polymer based formula - prevents build-up of sticky residues in-use
- Very low odour - for operator comfort and preference
- Rapid fines separation - excellent filterability with extended filter life
- Boron-free - no SVHC classification under REACH
- Mineral-oil, boron, formaldehyde, chlorine, secondary amines and phenol-free - excellent EHS profile

## 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 Regulation (EC) No 1907/2006 Annex II where a substance or preparation meets the criteria in accordance with Directives 67/548/EEC or 1999/45/EC.

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