

# HOCUT 795 B

Water soluble metalworking fluid

## DESCRIPTION

HOCUT 795 B is advanced, high lubricity, boron and formaldehyde-free emulsion technology giving ultra-long sump-life and enhanced machining performance compared to conventional products.

## APPLICATIONS

HOCUT 795 B is recommended for difficult machining all aerospace materials including sensitive aerospace aluminium alloys, titanium, inconel, and alloy steels and has a wide range of global aerospace approvals.

The high lubricity emulsion provides outstanding machining characteristics with extended tool-life for aerospace materials.

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 product is designed primarily for soft water.

Hocut 795B is one of the world's best selling aerospace sector coolants approved by Rolls Royce, Boeing, BAE Systems, Airbus, United Engines, SNECMA, Bombardier, Goodrich, NASA, Messier Dowty, VIAM.

## RECOMMENDATION FOR USE

Medium duty machining 5 - 7%

Heavy duty machining 8 - 10%

Heavy duty grinding 6 - 10%

## TYPICAL PHYSICAL PROPERTIES

<i>Concentrate Appearance</i>	<i>Hazy amber oil</i>
<i>Specific Gravity @ 20°C</i>	<i>0.94</i>
<i>Refractometer Factor</i>	<i>1.1</i>
<i>Emulsion Appearance</i>	<i>Opalescent</i>
<i>pH in Use</i>	<i>8.7-9.2</i>

## BENEFITS

- High lubricity - sophisticated package of mineral oil and polar additives extend tool-life
- Ultra long sump life - Special '795' technology extends intervals between clean outs
- Very stable emulsion - fewer additive treatments and lower usage costs
- Boron-free - no SVHC classification under REACH
- Prevents staining of aluminium during long cycle times – higher quality parts with fewer rejects
- Very low foaming - ideal for the highest speeds and pressures in soft water
- Boron, formaldehyde, chlorine and phenol -free. Contains only TRGS611 approved amines - 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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