

# HOCUT 795 B-eu

Water miscible metalworking fluid

## DESCRIPTION

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

HOCUT 795 B-eu is part of the HOCUT 795 B product range, one of the world's best selling and multi-approved aerospace sector coolants. HOCUT 795 B-eu is approved by Rolls Royce, BAE Systems, Airbus UK, SNECMA, Messier Dowty and VIAM.

Other HOCUT 795 B range approvals include Boeing, Bombardier, NASA, Goodrich and United Engines. A full list of aerospace approved products is available on request.

## APPLICATIONS

HOCUT 795 B-eu is recommended for difficult machining of all aerospace materials including sensitive aluminium alloys, titanium, inconel, and high alloy steels.

The high lubricity emulsion contains a sophisticated additive package which provides outstanding machining characteristics with extended tool-life.

The formula is also non-staining to sensitive aluminium alloys especially for components with long cycle times.

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.

## RECOMMENDATION FOR USE

Medium duty machining 5 - 7%

Heavy duty machining 8 - 10%

Heavy duty grinding 6 - 10%

## TYPICAL PHYSICAL PROPERTIES

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

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## 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 miscible 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.

## 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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