

HOCUT® 795-H

Long Life High Performance Machining Coolant

DESCRIPTION

Houghton's international research and development team have produced a totally new high technology machining and grinding coolant, **HOCUT 795-H**. This product provides excellent heavy duty machining performance on both ferrous and non-ferrous metals without the use of chlorinated or sulphurised compounds. It has unique resistance to bacteria and fungal growth that is achieved without the use of traditional biocides. **HOCUT 795-H** is suitable for use in a wide range of machining and grinding operations. Excellent surface finish and tool life can be expected in severe operations even on difficult alloys such as stainless steels and high silicon aluminium. **HOCUT 795-H** is compatible with hard water, is clean running and uniquely bio-stable, which assures long, odour-free sump life unequalled by conventional bio-stable and other water soluble fluids. **HOCUT 795-H** provides corrosion protection without staining and affords excellent lubrication for machine ways and indexing mechanisms. Low foaming characteristics make **HOCUT 795-H** an excellent choice for high speed CNC machines and high pressure coolant applications.

FEATURES

- Very high stability – extending the fluid life
- Good cooling properties that provide sufficient tool life and part geometry
- Excellent detergency – resulting in clean parts, clean machines and assisting in creating a more pleasant working environment
- Excellent corrosion protection – due to presence of specific anti-corrosion inhibitors resulting in lower reject rate and decreasing maintenance cost related to corrosion issues
- Very low foam – guaranteeing problem free working operations and allowing high pump pressures and flow rates
- Good separation of tramp oil – which as a result can easily be removed as thus supporting a long fluid life
- Environmental compliance – free of chlorine, secondary amines, phenol and nitrite.

TYPICAL VALUES

Product Appearance	Amber Fluid
Emulsion Appearance @5%	Translucent White
pH at 5 %v/v	9.6
Specific Gravity @ 15 °C	0.965 kg/L
Brix Concentration Factor	1.08

HEALTH AND SAFETY

Refer to MSDS for proper handling and disposal. Please note that the MSDS includes handling, health and disposal information which should be passed on to your employees, and to anyone else who comes in contact with our product. Additional advice can also be obtained from your local Houghton representative.

NOTE: Read and understand all precautions on container labels before using this product.

01 July 2011 Version 1.0, Code: HOC 795H



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REFERENCES

HOCUT 795 series is currently approved and used in more than 3000 companies world wide.

Approval Numbers:

ROLLS ROYCE:	129/131 (TYPE A) FULL
CHRYSLER:	NPM# 47-050-1800
FORD:	TOX# 153021
GM:	FID# 344180 795(LS-2)
GM:	FID# 350349 795FD(LS-2)
VOLKSWAGEN:	29-4236
BOEING:	BAC5008
AIRBUS:	ABR90204
NASA:	MF0004-018
PRATT & WHITNEY:	PMC 9386-1
BOMBARDIER:	BAMS 569-001 Rev NC

HOW TO USE

The recommended usage concentration of **HOCUT 795-H** for Machining use 6% to 8% and for Grinding use 5% to 7%.

This may be customised to suit individual needs or solutions, which may vary from time to time. Houghton strongly advises that you contact your Sales Representative to discuss before commencement of use.

SHELF LIFE & AVAILABILITY

Under normal conditions the recommended shelf life for **HOCUT 795-H** is a minimum of Twelve (12) months, unless otherwise specified. The product should be stored inside (5 -40°C) for no more than 1 year and be protected from freezing.

HOCUT 795-H is available in Pail, Drum or Tote. Other sizes may be available upon request , please contact your Houghton sales representative.

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RELATED PRODUCTS

- CUT-MAX: Straight cutting oils
- GARIA: Straight cutting oils
- MACRON: Straight cutting and honing oils
- DASCOLENE: Straight OEM Approved cutting oils
- WIOLAN: Straight honing and grinding oils
- HOCUT: Water miscible metalworking fluids
- DROMUS: Soluble metalworking fluids
- SUPERCUT PLUS: Economical Soluble metalworking fluids
- ADRANA: Water miscible metalworking fluids
- SITALA: Semi-Synthetic metalworking fluids
- METALINA: Synthetic metalworking fluids
- HOUGHTO-GRIND: Straight and water miscible grinding fluids
- HOUGHTO-DRAW: Straight and water miscible drawing stamping and forming fluids.
- CINDOL: Straight and water miscible drawing and forming fluids especially for Aluminium parts.
- CERFA-KLEEN: Water miscible cleaning fluids
- CALLINA: Water miscible cleaning fluids
- RUST VETO: Straight and water miscible rust preventive fluids.
- ENSIS: Straight and water miscible rust preventive fluids.



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