

Hocut® 795-H

Heavy-duty chlorine-free machining and grinding fluid for use with all metals including automotive grade cast aluminums

DESCRIPTION

Many of today's modern machine shops require the use of a coolant which is capable of working in many applications on a wide variety of metals. **Hocut 795-H** is a versatile product that can be used with many machines and metals. These include Kingsburys, Bullards, bar machines, lathes, chuckers, centerless and cylindrical grinders. Whether you're cutting high or low carbon steels, alloy steels such as 4130 and 4140; cast iron, nodular iron and gray iron; 300 and 400 series stainless steel, **Hocut 795-H** is the choice. It is especially suitable when machining automotive grade aluminum cast alloys including 308, 319, 356, 380, 384 and 390.

Hocut 795-H is compatible with hard water, is clean running and bio-stable, which assures long, odor-free sump life. It provides corrosion protection without staining and affords good lubrication for machine ways and indexing mechanisms. Low foaming characteristics make **Hocut 795-H** an excellent choice for high pressure applications.

CONCENTRATION CHECKS

The refractometer factor for **Hocut 795-H** is 1.0. Multiply the refractometer reading by this factor to obtain the emulsion concentration in percent.

RECOMMENDED USE CONCENTRATIONS

Machining	5 to 10%
Grinding	5%

DATA (TYPICAL VALUES)

Appearance (Neat)	Clear amber fluid
Appearance (5% Emulsion)	Whitish emulsion
Typical in use pH	9.1 - 9.3
Pounds per Gallon, 60°F	7.9

HL 13.08 US

FEATURES / BENEFITS

- The bio-stable formulation of **Hocut 795-H** minimizes the use and cost of sump side additives.
- Excellent corrosion protection provides in-process protection of machinery and parts.
- Excellent machining capabilities increases tool life and improves surface finish.
- **Hocut 795-H** is multi-metal compatible: One product satisfies all machining requirements.
- Environmentally friendly product provides a dramatic reduction in waste stream volume.
- Outstanding lubricity extends tool life and provides optimal part finish.
- High detergency keeps wheels and machine surfaces clean with less downtime for maintenance
- Enhanced lubricity provides extended tool life and reduces tooling cost.
- Provides improved part finish which reduces overall cost through reduced rework and scrap rates
- Bio-stable formulation extends sump life indefinitely, reducing waste treatment and recharge costs.
- Allows grinding wheels to run clean with less loading which saves money by extending time between wheel dressing and wheel changes.
- Provides enhanced corrosion inhibition eliminating costly machine tool repair and scrap rate.

HEALTH AND SAFETY

Refer to SDS for proper handling and disposal. Please note that the SDS 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.



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