

# Hocut® 795

Heavy-duty 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** 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** is the choice. It is especially suitable when machining automotive grade aluminum cast alloys including 308, 319, 356, 380, 384 and 390.

**Hocut 795** is compatible with hard water, is clean running and biostable, 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** an excellent choice for gun drilling and other high pressure.

## CONCENTRATION CONTROL

Machining	5% to 10%
Grinding	5%

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

## DATA (TYPICAL VALUES)

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

## FEATURES / BENEFITS

- The biostable formulation of Hocut 795 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** 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.
- Biostable technology extends sump life and reduces need for costly sumpside biocide addition.
- Enhanced metal removal rate reduces cycle times.

## 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.

HL 13.08 US



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