

PRODUCT DATA

HOCUT 209®

DESCRIPTION

A highly concentrated, moderately viscous synthetic coolant that is readily soluble in water, which forms a stable translucent, light green solution. The product is fortified with a polar type of extreme pressure additive and does not contain any mineral oil, sulphur, chlorine or nitrites. **HOCUT 209** mixes readily with cold or warm water. The working solution has a pH of approximately 9.0 and **Hocut 209** is an excellent choice for ferrous or non-ferrous metals, including aluminum and zinc.

ECONOMY

End use cost in the machine sump is quite low, because high water dilutions are possible. Long life minimizes time and labour to change fluid.

POWERFUL COOLING, CORROSION PREVENTION

HOCUT 209 penetrates thoroughly between the tool and chip surfaces to absorb and carry away heat faster than oils. A system of inhibitors helps prevent corrosion. **HOCUT 209** has excellent anti-stain characteristics.

LUBRICATES

This coolant leaves a residual film with natural lubricity. The film effectively lubricates slides, ways and turrets. It has extreme pressure and anti-weld properties that compare favourably with heavy-duty soluble oils in the Falex Test.



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RESISTS BACTERIAL GROWTH

HOCUT 209 solutions actively suppress micro-organisms.

OPERATOR ACCEPTANCE

These benefits appeal to machine tool operators: **HOCUT 209** has a pleasant odour and allows the work to show through its translucent film.

ADVANTAGES

- ❖ Superior cooling means higher speeds.
- ❖ Anti-weld gives longer tool life.
- ❖ Lubricity for excellent work finish.
- ❖ No rancidity or odour; long life.
- ❖ Work visibility.
- ❖ Prevents stain, corrosion.
- ❖ Economical water dilutions; low cost per gallon in machine.
- ❖ Ideal for aluminum machining.

HOW TO USE

Dilute **HOCUT 209** with water at 1:30 for general machining or 1:50 for average grinding. (See the chart below for typical dilutions)

	Dilutions	
	<u>Average</u>	<u>Range</u>
Grinding	1:60	1:50 – 1:70
Turning	1:50	1:30 – 1:70
Drilling	1:25	1:10 – 1:40
Tapping, Reaming	1:20	1:10 – 1:30

AVAILABILITY

HOCUT 209 is made in Canada and is sold by the litre in 205 litre drums and 20 litre pails.

STORAGE / HANDLING / DISPOSABILITY

No health or safety hazards exist when **HOCUT 209** is stored, used and disposed of in accordance with the Material Safety Data Sheet for this product.

WARRANTY

The information given here is considered to be correct and is offered for your consideration, investigation and verification. No warranties are expressed or implied since the use of our products is beyond our control. Statements concerning the use of Houghton products are not to be construed as recommending the infringement of any patent.

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