

PRODUCT DATA

HOCUT 4134-H

A TRUE SYNTHETIC COOLANT FOR MACHINING AND GRINDING OF FERROUS AND NONFERROUS METALS

Advanced technology has produced a single, tramp oil rejecting fully synthetic coolant for machining and grinding of all metals. Now there is no need to compromise the mist reduction, clean running properties of a non-oil containing synthetic coolant in applications involving wrought and cast aluminum alloys including 319, 380, and 390 automotive grades.

Machining and grinding ductile iron, steel and alloys, as well as aluminum. Now inventory one product for all your coolant needs. Milling, drilling, reaming, tapping---whatever your operation, **Hocut 4134-H** will provide lubricity, cooling, chip washing and a clean odor-free biostatic environment, that operators demand.

Low foam generation, hard water tolerance and superior corrosion protection on parts and equipment are characteristics of solutions of **Hocut 4134-H**.

FEATURES

- * Unique lubricity package
- * Versatile
- * Tramp rejection, clean running
- * Biostatic

BENEFITS

- * Excellent for all metals
- * Reduces inventory costs
- * Eliminates oil misting
- * Operator friendly, long sump life



Houghton International Inc.

Madison and Van Buren Ave., P. O. Box 930, Valley Forge, PA 19482-0930

(610) 666-4000 Telefax (610) 666-1376

RECOMMENDED USE CONCENTRATIONS

Machining	1:25 to 1:10
Grinding	1:30 to 1:20

APPLICATION INFORMATION

Hocut 4134-H is formulated to be used under a wide variety of conditions and in many different applications. Machining and grinding operations include the following:

Kingsbury, Bullards, bar machines, machining centers, crankshaft and camshaft grinders, vertical and horizontal turret lathes, NC and CNC chuckers, and centerless and cylindrical grinders.

Hocut 4134-H is very suitable for use in central systems as well as cell units and stand alone sumps.

TYPICAL PHYSICAL & CHEMICAL PROPERTIES

Appearance, Neat	Clear, amber liquid
Appearance, 5% Dilution	Translucent solution
pH, 5% Dilution	9.3
Pounds per Gallon	8.0

CONCENTRATION DETERMINATION

The refractometer factor for this product is 1.4. Multiply refractometer readings by this factor to obtain product concentrations.

Remember, tramp oil and any other dissolved solids will show up as part of the reading.

SHELF LIFE

Under normal conditions, the shelf life of this fluid is twelve (12) months.

SHIPPING INFORMATION

Hocut 4134-H is shipped in 55 (U.S.) gallon (208 liter) steel drums and in bulk.

SHIPPING CLASSIFICATION

Metal Cutting and Drawing Compound

STORAGE/HANDLING/DISPOSABILITY

No health or safety hazards exist when **Hocut 4134-H** is stored, used and disposed of in accordance with instructions given on 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.

EXPORT STATEMENT

This commodity and its technology are subject to the export control laws and regulations of the United States Government. Buyer agrees that it shall not make any disposition, by way of export, diversion, transshipment, re-export or otherwise, except as expressly permitted under United States law.

10/00