

PRODUCT DATA

HOCUT[®] 763-B

HEAVY-DUTY, BIOSTATIC, SYNTHETIC MACHINING AND GRINDING FLUID

Hocut 763-B is a heavy-duty, synthetic coolant for machining and grinding of ferrous metals. It forms a clear, transparent solution which facilitates tool set-up and close tolerance grinding operations. The extreme pressure additive package incorporated into **Hocut 763-B** provides excellent lubrication and anti-weld properties, enabling its solutions to perform the most difficult machining operations.

Hocut 763-B combines excellent rust protection with low foaming characteristics and long sump life. It was formulated to reject tramp oil that can cause smoking or misting and premature spoilage of a coolant.

Hocut 763-B is formulated with a combination of ingredients that provide a greater resistance to microbial degradation of the fluid.

Field tests have shown that the synergies of the components in this product will reduce the frequency of sumpside additions of antimicrobial agents.

Hocut 763-B has a clean, fresh odor and is mild and non-irritating to operators' skin, while its synthetic additive package assures economical, long-term performance.



Houghton International Inc.

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

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

FEATURES

- * Excellent machining capabilities
- * Long sump life
- * Clean running
- * Rejects tramp oil

BENEFITS

- * Increased tool life, improved surface finish, allows increased feeds and speeds
- * Less down time, lowered maintenance costs, lower effluent treatment costs
- * Drops fines quickly, keeps machine tools clean
- * Eliminates coolant spoilage due to oil contamination

RECOMMENDED USE CONCENTRATIONS

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

APPLICATION INFORMATION

Hocut 763-B is formulated to be used under a wide variety of conditions and in many different applications. Solutions of **Hocut 763-B** are extremely tolerant to hard water. In individual sumps or central systems **Hocut 763-B** performance will exceed the most demanding expectations. Applicable, but not limited to, use in the following equipment:

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

Typical metals that this product can be used on are low and high carbon steels, 300 and 400 series stainless steel, cast, nodular and grey iron, and 52100 bearing steel.

TYPICAL PHYSICAL & CHEMICAL PROPERTIES

Appearance, Neat	Hazy, green liquid
Appearance, 5% Dilution	Green, clear liquid
Typical Operating pH, 5% Dilution	9.2

CONCENTRATION DETERMINATION

The refractometer factor for this product is 2.2. 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 763-B 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 763-B** 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.

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