

PRODUCT DATA

HOCUT[®] 769-B

HEAVY-DUTY, BIOSTATIC, SYNTHETIC MACHINING AND GRINDING FLUID

Hocut 769-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 769-B** provides excellent lubrication and anti-weld properties, enabling its solutions to perform the most difficult machining operations.

Hocut 769-B is a synthetic chemical coolant that 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 769-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. Spent solution will be compatible with the typical waste treatment methods used by the metalworking industry.

Hocut 769-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.



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FEATURES

- * Excellent machining capabilities
- * Long sump life
- * Clean running
- * Waste treatable
- * 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
- * Assures low treatment costs
- * 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 769-B 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, multi-spindle drill presses, 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	Clear yellow liquid
Appearance, 5% Dilution	Slightly hazy, colorless to bluish cast
pH, 5% Dilution	9.0

Hocut 769-B is free of mineral oil, nitrites, PTBBA, phenols and heavy metals.

CONCENTRATION DETERMINATION

The refractometer factor for this product is 1.7. 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 769-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 769-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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