

Hocut® 763

Heavy-duty, biostatic, synthetic machining and grinding fluid

DESCRIPTION

Hocut 763 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** provides excellent lubrication and anti-weld properties, enabling its solutions to perform the most difficult machining operations.

Hocut 763 is a biostatic 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 763 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 763 is free of mineral oil, nitrites, PTBBA, phenols and heavy metals.

APPLICATION INFORMATION

Hocut 763 is formulated for use 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.

DATA (TYPICAL VALUES)

Appearance, Neat	Slightly hazy, green liquid
Appearance, 5% dilution	Green, clear liquid
pH, 5% Dilution, in use	9.2

DM 13.12 US

FEATURES / BENEFITS

- Excellent machining capabilities.
- Long sump life means reduced costs.
- Rejects tramp oil to optimize sump life.
- 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.

CONCENTRATION DETERMINATION

The refractometer factor for this product is 2.0. 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.

RECOMMENDED USE CONCENTRATION

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

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.



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