

Hocut[®] 767

Biostatic, low foaming, synthetic machining and grinding fluid

DESCRIPTION

Improvements in the modern day machine shops continue to change the process chemical requirements of the metalworking industry. Increased machining speeds, harder metals, and exotic tooling have required that the coolant industry enhance the performance of our products. New fluids must have high levels of rust protection, improved cooling, and low tendencies to foam. **Hocut 767** contains the latest synthetic technology to give you an economical coolant for use in a wide variety of machining and grinding applications. **Hocut 767** provides superior rust protection to newly machined surfaces. Additionally, grinding wheels remain open and free-cutting, while a high cleaning action takes away fines to minimize loading. In-use solutions are clean and will not foam.

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

CONCENTRATION CHECKS

Hocut 767 solutions are easily checked using an American Optical Refractometer. Simply multiply the refractometer reading by 2.8 to obtain product concentration.

DATA (TYPICAL VALUES)

Appearance (Neat)	Blue liquid
Appearance (5% Solution)	Transparent light blue liquid
pH, 5% Solution	9.0
Pounds per Gallon @ 75°F	8.7

FEATURES / BENEFITS

- Excellent rust/corrosion protection of parts and machines.
- Rapid heat removal for increased tool life.
- Biostatic chemistry for optimal sump life.
- Clean running, transparent solutions for operator acceptance.
- Maintains dimensional control; reduces heat checks and burning.
- Enhanced lubricity provides extended tool life and reduces tooling cost.
- Provides improved part finish which reduces overall cost through reduced rework and scrap rates
- Biostable formulation extends sump life indefinitely, reducing waste treatment and recharge costs.
- Allows grinding wheels to run clean with less loading which saves money by extending time between wheel dressing and wheel changes.
- Provides enhanced corrosion inhibition eliminating costly machine tool repair and scrap rate.

RECOMMENDED CONCENTRATIONS

Surface Grinding	5%
Machining	5-7%

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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