

HOCUT® B30

Advanced Biostable Semi-Synthetic Cutting Fluid

DESCRIPTION

HOCUT® B30 is a newly developed water miscible biostable semi-synthetic cutting fluid designed to give long sump life and effective cutting performance. The product is pleasant to use as it has a low odour and is translucent, thus giving good visibility of machining process.

HOCUT® B30 is recommended for use at 3-5% concentration for a wide variety of machining applications, including cutting, milling and drilling or both ferrous and non-ferrous metals.

Typical applications include cylindrical grinding of high speed steel, surface grinding of steel and high nickel alloys, and general light machining of cast iron, mild steel, carbon steel and aluminium.

FEATURES

- Exceptionally long sump life
- Outstanding resistance to bacterial and fungal development
- Excellent tramp oil rejection
- Low maintenance and make up rates
- Very low foaming tendency
- Translucent appearance giving good workplace visibility
- Does not contain chlorine, bactericides, phenols, nitrites, zinc and heavy metals.

TYPICAL VALUES

Product Appearance	Dark Green Fluid
Emulsion Appearance @5%	Green Translucent Fluid
pH @3 %v/v	9.5
Specific Gravity @15°C	1.050 kg/L
Brix Concentration Factor	1.93

HEALTH AND SAFETY

Refer to MSDS for proper handling and disposal. Please note that the MSDS 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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This document contains information based on data that is believed to be correct. However, the product may not be applicable to all uses and operating environments. No warranty or guarantee is expressed or implied.

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REFERENCES

HOCUT® B30 is suitable for cylindrical grinding of high speed steel, surface grinding of steel and high nickel alloys, and general light machining of cast iron, mild steel, carbon steel and aluminium.

HOW TO USE

To obtain maximum cutting performance, freedom from corrosion and control of bacteria, it is essential that tramp oil does not completely cover the surface of the coolant and that the concentration of coolant be maintained at the correct level. This may simply be determined on a day to day basis by use of pocket refractometer on the plant.

SHELFLIFE & AVAILABILITY

Under normal conditions the recommended shelf life for **HOCUT® B30** is a minimum of Twelve (12) months, unless otherwise specified. The product should be stored inside (5 -40°C) for no more than 1 year and be protected from freezing.

HOCUT® B30 is available in Pail, Drum or Tote. Other sizes may be available upon request, please contact your Houghton sales representative.

RELATED PRODUCTS

- CUT-MAX®: Straight cutting oils
- GARIA™: Straight cutting oils
- MACRON™: Straight cutting and honing oils
- EXCELENE™: Straight cutting and honing oils
- DASCOLENE™: Straight OEM approved cutting oils
- HOCUT®: Water miscible metalworking fluids
- DASCOOL™: Water miscible metalworking fluids
- DROMUS™: Soluble metalworking fluids
- ADRANA™: Micro-emulsion metalworking fluids
- SITALA™: Semi-Synthetic metalworking fluids
- METALINA™: Synthetic metalworking fluids
- HOUGHTO-GRIND®: Straight and water miscible grinding fluids
- HOUGHTO-DRAW®: Straight and water miscible drawing stamping and forming fluids.
- CINDOL™: Straight and water miscible drawing and forming fluids especially for Aluminium parts.
- FENELLA™: Straight and water miscible drawing, stamping and forming fluids.
- CERFA-KLEEN®: Water miscible cleaning fluids
- VIBRA-KLEEN®: Water miscible vibrating cleaning fluids
- CALLINA™: Water miscible cleaning fluids
- RUST VETO®: Straight and water miscible rust preventive fluids.
- ENSIS™: Straight and water miscible rust preventive fluids.
- COSMOLINE®: MIL-SPEC Straight and water miscible rust preventive fluids.

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