

HOUGHTO-GRIND® 4253B

Bio-resistant Cobalt Inhibited Grinding Fluid

DESCRIPTION

Having difficulty grinding inserts? Leaching the matrix into your coolant? Reverse these phenomena by grinding with HOUGHTO-GRIND 4253B. Completely inhibited against attack on cobalt, dilutions of this product will protect your inserts and reduce health hazard potentials, and generation of toxic wastes.

FEATURES

HOUGHTO-GRIND 4253B is clean running and uniquely bio-resistant, which assures long, odour-free sump life unequalled by conventional bio-stable and other water soluble fluids.

TYPICAL VALUES

Appearance	Neat	Yellow liquid
5% Emulsion		Colourless
pH @5% 9.1		
Density @15oC	1.068	kg/L
Rust Protection, 5% solution		
Excellent		

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.

01 July 2011 Version 1.0, Code: D001A0200



HOUGHTON

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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

HOW TO USE

The recommended usage concentration of HOUGHTO-GRIND 4253B may be customised to suit individual needs or solutions, which may vary from time to time. Houghton strongly advises that you contact your Sales Representative to discuss before commencement of use.

SHELFLIFE & AVAILABILITY

Under normal conditions the recommended shelf life for **PRODUCT** is a minimum of Twelve (12) months, unless otherwise specified.

PRODUCT is available in 205 litre drums. Other sizes may be available upon request, please contact your Houghton sales representative.

RELATED PRODUCTS

- CUT-MAX: Straight cutting oils
- HOCUT: Water miscible metalworking fluids
- DROMUS: Soluble metalworking fluids
- ADRANA: Micro-emulsion 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.
- CERFA-KLEEN: Water miscible cleaning fluids
- RUST VETO: Straight and water miscible rust preventive fluids.

FLUID MAINTENANCE

Houghton recommends that periodic solution concentration checks of **PRODUCT** should be carried out using a hand held refractometer.

The refractometer factor for **PRODUCT** is 1.0.

Multiply the refractometer reading by this factor to obtain the emulsion concentration in percent.

These can be routinely performed and organised through Houghton's Customer Service laboratory, please contact your sales representative for further information about this service.

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