

# Houghto-Grind® 4255

Biostatic, low foaming, synthetic grinding fluid

## DESCRIPTION

High speed surface grinding of metals requires the combination of cooling and rust protection with a low foaming additive package. **Houghto-Grind® 4255** contains the latest synthetic technology to give you an economical grinding coolant for use in a wide variety of grinding applications. It may be diluted with water while providing excellent rust protection to ground surfaces. Grinding wheels will 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.

## CONCENTRATION CHECKS

**Houghto-Grind® 4255** solutions are easily checked using an American Optical Refractometer. Simply multiply the refractometer reading by 4.0 to obtain product concentration

## RECOMMENDED CONCENTRATIONS

Surface grinding	20:1
------------------	------

## DATA (TYPICAL VALUES)

Appearance (Neat)	Blue Liquid
5% Solution	Transparent light blue liquid
pH, Neat	10.1
5% Solution	9.5
Pounds per Gallon @ 60°F	8.7

## FEATURES / BENEFITS

- Economical and low in cost use
- Excellent rust/corrosion and in process protection of machinery and parts
- Rapid heat removal and maintains dimensional control; reduces heat checks and burnishing
- Biostatic chemistry and maximizes sump life
- Clean running transparent solutions and maximizes worker acceptance
- Long sump life/ non foaming and reduces maintenance costs
- Allows grinding wheels to run clean with less loading which saves money by extending time between wheel dressing and wheel changes.
- Low oil content reduces costs by preventing wheel loading, which extends the time between required redressing of wheel, and by removing heat which increases tool and wheel life.

## 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.

HL 11.11 US



Houghton International Inc.  
 Madison and Van Buren Aves.  
 P. O. Box 930  
 Valley Forge, PA 19482-0930

Phone: 610-666-4000  
 Fax: 610-666-0174  
 info@houghtonintl.com  
 www.houghtonintl.com

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.