

# HOUGHTO-GRIND® 60

## Synthetic Grinding Fluid

### DESCRIPTION

**HOUGHTO-GRIND 60** is a synthetic chemical grinding fluid formulated to give maximum rust protection, no foam, no petroleum oil and using surface active compounds to keep the wheel clean. It is used by diluting with water, forming a greenish transparent solution.

**HOUGHTO-GRIND 60** is mixed with water and applied to the grinding application. With no oil present, oil misting is eliminated and disposal problems common with soluble oils are eliminated. The transparent solution stays transparent to translucent in use allowing operators to see close tolerance surface grinding.

**HOUGHTO-GRIND 60** minimises any tendency to emulsify tramp oils. A layer of oil can be separated from the working solution by skimming off the surface and when coolant is spent, solutions are easily disposed of by simple checks before discarding to sewer. The solutions in use are hard water stable and provide long sump life, with excellent rust resistance. Low foam properties are also experienced.

### FEATURES

- Superior rust protection
- Won't foam
- Nitrite free
- Diluted with water in use
- Clear solution in use - long sump life
- Petroleum oil free

### TYPICAL VALUES

Product Appearance	Clear Yellow Green Fluid
Mineral Oil content	0 %
Specific Gravity @20°C	1.090 kg/L
pH @3 %v/v	9.5
Concentration Brix Factor	3.9

### 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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### REFERENCES

**HOUGHTO-GRIND 60** is used in place of Grinding fluids that contain Nitrites. **HOUGHTO-GRIND 60** is also used as Leak Test fluids.

### HOW TO USE

The recommended usage concentration of **HOUGHTO-GRIND 60** for Surface Grinding ranges from 20:1 to 40:1. This 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.

### SHELF LIFE & AVAILABILITY

Under normal conditions the recommended shelf life for **HOUGHTO-GRIND 60** is a minimum of Twelve (12) months, unless otherwise specified.

**HOUGHTO-GRIND 60** 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
- DASCOLENE: Straight OEM Approved cutting oils
- WIOLAN: Straight honing and grinding oils
- HOCUT: Water miscible metalworking fluids
- DROMUS: Soluble metalworking fluids
- SUPERCUT PLUS: Economical Soluble metalworking fluids
- ADRANA: Water miscible 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.
- CERFA-KLEEN: Water miscible cleaning fluids
- CALLINA: Water miscible cleaning fluids
- RUST VETO: Straight and water miscible rust preventive fluids.
- ENSIS: Straight and water miscible rust preventive fluids.

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