

# CommCool<sup>®</sup> HD-ND

## Non-chlorinated semi-synthetic metalworking fluid

### DESCRIPTION

**CommCool HD-ND** semi-synthetic metalworking fluid has been specifically formulated to provide you with superior performance for all your metalworking needs. **CommCool HD-ND** is one of the most economical and most efficient products available on the market today. **CommCool HD-ND** offers a broad range of performance features. This product has excellent biostability, emulsion stability, and rust and corrosion prevention characteristics that exceed other available products. This unique formulation provides superior cooling and lubricity properties, which promote increased tool life and superior surface finishes. **CommCool HD-ND** is formulated to work in a wide range of water hardness conditions and to perform well even in moderately hard or very soft water.

**CommCool HD-ND** has additional lubricity and extreme pressure additives, giving it the performance characteristics needed for medium to heavy duty machining applications.

**CommCool HD-ND** is highly recommended for lathes, drill presses, milling machines and CNC machines.

### FEATURES / BENEFITS

- Excellent lubricity properties for medium to heavy duty work.
- Economical
- Mixes readily with water of varying degrees of hardness
- Biostable formulation
- Has excellent corrosion protection
- Can be rinsed away easily with water.

### RECOMMENDED USE CONCENTRATION

Machining	6 to 8%
Grinding	4 to 6%
Tapping	8 to 12%

### DATA (TYPICAL VALUES)

Appearance	Clear amber solution
Specific Gravity @ 15°C	1.00
pH @ 5%, in use	9 ± 10%
Refractometer Factor	1.78

DC 17.05 US

### 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.



**HOUGHTON**<sup>®</sup>

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