

# PRODUCT DATA

## HOCUT® 776

### LOW FOAMING, SEMI-SYNTHETIC COOLANT FOR VERSATILE AND ECONOMICAL MACHINING AND GRINDING

Today's manufacturing environment requires products that are capable of performing in many applications. **Hocut 776** is a versatile, semi-synthetic coolant for machining and grinding of ferrous and nonferrous metals in medium duty operations. It is formulated with emulsifiers, lubricity additives and inhibitors that offer excellent residual fluid film corrosion protection.

#### FEATURES

- \* Excellent corrosion protection
- \* Clean running
- \* Waste treatable

#### BENEFITS

- \* In-process protection of machinery and parts
- \* Maximizes worker acceptance
- \* Assures low treatment costs

#### TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Appearance, Neat	Clean amber fluid
Appearance, 5% Emulsion	Transparent dilution
pH, 5% Emulsion	9.3
A. O. Factor	2.0
Pounds per U.S. Gallon	8.3



**Houghton International Inc.**

Madison and Van Buren Ave., P. O. Box 930, Valley Forge, PA 19482-0930  
(610) 666-4000 Telefax (610) 666-1376

**RECOMMENDED USE CONCENTRATION**

Machining	1:10 to 1:20
Grinding	1:20 to 1:25

**DETERMINATION OF CONCENTRATION**

The refractometer factor for **Hocut 776** is 2.0. Multiply the refractometer reading by this factor to obtain the product concentration.

**NOTE:** Remember that this method is a measure of total dissolved material and is affected by tramp oil or any other dissolved contaminants.

**SHELF LIFE**

Under normal conditions, the recommended shelf life for **Hocut 776** is six (6) months.

**SHIPPING INFORMATION**

**Hocut 776** is shipped in 55 (U.S.) gallon (208 liter) steel drums.

**SHIPPING CLASSIFICATION**

Metal Cutting and Drawing Compound

**STORAGE/HANDLING/DISPOSABILITY**

No health or safety hazards exist when **Hocut 776** is stored, used and disposed of in accordance with instructions given on the Material Safety Data Sheet for this product.

**WARRANTY**

The information given here is considered to be correct and is offered for your consideration, investigation and verification. No warranties are expressed or implied since the use of our products is beyond our control. Statements concerning the use of Houghton products are not to be construed as recommending the infringement of any patent.

**EXPORT STATEMENT**

This commodity and its technology are subject to the export control laws and regulations of the United States Government. Buyer agrees that it shall not make any disposition, by way of export, diversion, transshipment, re-export or otherwise, except as expressly permitted under United States law.

**11/97**