

PRODUCT DATA

HOCUT TR 2000-C

A vegetable oil based coolant for ferrous and non-ferrous application

HOCUT TR 2000-C is one of a new generation of coolants being introduced by Houghton Canada, and offers a unique and effective approach to meet future environmental and production requirements for metalworking products. **HOCUT TR 2000-C** addresses the concern of mineral oil mists in the workplace.

HOCUT TR 2000-C is formulated to take full advantage of Houghton's Phase Control technology. This mineral oil free product uses vegetable oil technology and is manufactured in Houghton's Toronto facility. When **HOCUT TR 2000-C** is combined with hydraulic fluid HYDRO DRIVE B245 and WAY LUBRICANT TR 2828, Houghton will eliminate mineral oil mist from your machining system.

TYPICAL PHYSICAL PROPERTIES:

Appearance, Neat,
Appearance, 5% Emulsion

Slight haze amber liquid
Milky white

APPLICATION:

HOCUT TR 2000-C uses Houghton's unique Phase Control Technology.

What is Phase Control? This means that two products are provided, which, when mixed with water, give excellent cutting performance while ensuring maximum sump life.



HOUGHTON CANADA INC.

P.O. Box 113, Station "D"
100 Symes Rd.
Toronto, Ontario M6P 3J5
Ph (416) 763-4691 • Fx (416) 763-3167
www.houghton.ca

Phase Control products consist of two products. HOCUT B 205 is used as a system water conditioner to give system corrosion protection and bioresistance. **HOCUT TR 2000-C** is then added to your system to give it lubricity and machining capabilities. A typical blend in a coolant system would be

HOCUT TR 2000-C	5%
HOCUT B205	1%
pH	9.1 - 9.3

By correct monitoring of the system by Houghton for losses due to drag-out, for example, only the required phase components are used to replenish the system.

This is the most cost effective means available for medium and large central systems.

MIXING INSTRUCTIONS:

For a new system, it is recommended that a 1% solution of HOCUT B205 be made up, then addition of the **HOCUT TR 2000-C** should be made while there is good agitation or fluid circulation to ensure uniform mixing of the two phases.

AVAILABILITY:

HOCUT TR 2000-C is made in Canada and is available in bulk and drums.

SHELF LIFE:

Under normal conditions, the shelf life for **HOCUT TR 2000-C** is six months.

STORAGE / HANDLING / DISPOSABILITY:

No health or safety hazards exist when **HOCUT TR 2000-C** is stored, used and disposed of in accordance with 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.

April 1, 2003