

PRODUCT DATA

HOUGHTO-DRAW® 3377

HEAVY DUTY CHLORINATED SOLUBLE OIL FOR DRAWING AND STAMPING OPERATIONS

Houghto-Draw 3377 performs like a viscous extreme pressure drawing oil but is readily removed in conventional alkaline cleaning systems. This product has good emulsifiability through the entire range of useful dilutions, from neat to 10:1.

Houghto-Draw 3377 is rust and stain-free on steel and brass and will not attack carbide dies. A 10:1 emulsion carries a full load on the Falex machine

Some recommended applications are high speed forming of carbon and stainless steel parts, link belt chain parts, automotive frames, door hinges and chassis parts.

HOW TO USE

The product may be diluted with water or oil. To dilute with water, add water to product in small quantities while agitating until a smooth cream is obtained. Water can then be added more rapidly until final dilution is reached.

Houghto-Draw 3377 may be applied by roll coat, flow-on, swab, dip or spray.



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FEATURES

- * Performs like viscous E.P. drawing oil
- * Forms stable emulsion to 10:1
- * Easily removed by alkaline cleaning
- * Possesses extremely good wetting

BENEFITS

- * Excellent lubricity
- * Will not attack carbide dies
- * Non staining or corroding
- * Excellent carry through progressive or transfer dies

TYPICAL PHYSICAL AND CHEMICAL PROPERTIES

Viscosity @ 100°F (38°C), SUS	1225 ± 75
Appearance	Greenish-amber liquid
Odor	Bland
Pounds per gallon	8.30
Specific Gravity	0.996

SHELF LIFE

One (1) year

SHIPPING INFORMATION

Houghto-Draw 3377 is available in 55 (U.S.) gallon (208 liter) drums and bulk.

SHIPPING CLASSIFICATION

Metal Drawing Compound

STORAGE/HANDLING/DISPOSABILITY

No health or safety hazards exist when **Houghto-Draw 3377** 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.

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