

PRODUCT DATA

HOUGHTO-DRAW® PF-400

HEAVY DUTY, HIGHLY CHLORINATED-EMULSIFIABLE METAL FORMING LUBRICANT

Houghto-Draw PF-400 greatly enhances the capability of drawing and forming heavy gauge carbon and stainless steel. **Houghto-Draw PF-400** is usually used neat, but mixes well with water to form a stable emulsion up to 2:1. (Dilution greater than 2:1 should have intermittent agitation.) This product contains corrosion inhibitors to provide good in-plant rust protection up to 30 days, plus it is removable in alkaline cleaning systems. When used neat, material is easily removed by vapor degreaser unit.

Houghto-Draw PF-400 provides the needed extreme pressure lubricity for difficult forming operations on carbon and stainless steels.

HOW TO USE

Houghto-Draw PF-400 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 PF-400** may be applied by roller coat, or brush; dilutions by spray, dip or recirculation.

FEATURES

- * Heavy duty, high viscosity, high chlorine
- * Use neat or dilute with water or oil
- * Good corrosion protection

BENEFITS

- * Excellent lubricity
- * Removable alkaline cleaning systems
- * Overall cost-effectiveness



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TYPICAL PHYSICAL & CHEMICAL PROPERTIES

Viscosity @ 100°F (38°C)	7,000 – 9,000 SUS
Appearance	Dark amber liquid
Odor	Bland
Pounds per Gallon	9.50
Specific Gravity	1.14

SHELF LIFE

One (1) year

SHIPPING INFORMATION

Houghto-Draw PF-400 is available in 55 (U.S.) gallon (208 liter) drums and bulk.

ICC SHIPPING CLASSIFICATION

Metal Drawing Compound

STORAGE/HANDLING/DISPOSABILITY

No health or safety hazards exist when **Houghto-Draw PF-400** 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.

1/03