

PRODUCT DATA

HOUGHTO-DRAW® PF-61

**CHLORINATED, WATER SOLUBLE, FOR EXTREME
PRESSURE DRAWING AND FORMING OPERATIONS**

Houghto-Draw PF-61 is a water soluble product designed to replace straight oils in many carbon and stainless steel forming operations. **Houghto-Draw PF-61** mixes readily 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 corrosion protection plus it is easily removed from formed parts in mild alkaline cleaning systems.

Houghto-Draw PF-61 provides economy and cleanliness over straight oils, when diluted, yet still provides excellent lubricity and reduction of lubricant drag-out.

HOW TO USE

Houghto-Draw PF-61 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-61** may be applied by roller coat, swab; dilutions by spray, dip or recirculation.

FEATURES

- * Heavy forming operation on carbon and stainless steel
- * May be used neat or diluted with oil or water
- * Good corrosion protection

BENEFITS

- * Excellent lubricity
- * Easily removed - alkaline cleaning system
- * Overall cost-effectiveness



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TYPICAL PHYSICAL & CHEMICAL PROPERTIES

| | |
|--------------------------|-------------------------|
| Viscosity @ 100°F (38°C) | 1300 SUS |
| Appearance | Clear dark amber liquid |
| Odor | Bland |
| Pounds per Gallon | 9.40 |
| Specific Gravity | 1.15 |

SHELF LIFE

One (1) year

SHIPPING INFORMATION

Houghto-Draw PF-61 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 PF-61** 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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