

PRODUCT DATA

CUT-MAX[®] 670

HEAVY-DUTY, CHLORINE-FREE STRAIGHT CUTTING OIL

Base oils for **Cut-Max 670** are highly selected premium grade refined stocks. The organic diluent and carrier for this oil has exceptional wetting and penetrating characteristics to insure an effective flow of the coolant to the chip-tool interface. **Cut-Max 670** is an excellent choice for machining stainless steel.

Cut-Max 670 has a mixed sulfur content that is stable, effective and provides needed anti-welding and extreme pressure characteristics. Other additives are compounded into the base to give excellent machining characteristics at all cutting speeds, and under heavy-duty conditions. In addition, a special anti-mist additive has been incorporated in **Cut-Max 670** to help you meet the 5 mg/m³ limitation on oil mist that OSHA imposes.

BENEFITS

- ◆ Faster cutting of difficult alloys
- ◆ Excellent finishes
- ◆ More production, longer tool life
- ◆ Anti-weld, extreme pressure characteristics
- ◆ Anti-mist additive
- ◆ Especially recommended for use in Swiss automatics



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TYPICAL PHYSICAL PROPERTIES

| | |
|--------------------------|-------------------------|
| Appearance | Clear, dark amber fluid |
| Viscosity at 100°F, SUS | 130 |
| Flash Point, °F | 325 |
| Fire Point, °F | 370 |
| Pounds per Gallon @ 60°F | 7.85 |

SHELF LIFE

Under normal conditions, the recommended shelf life for **Cut-Max 670** is one (1) year.

SHIPPING INFORMATION

Cut-Max 670 is shipped in 55 (U.S.) gallon (208 liter) steel drums.

SHIPPING CLASSIFICATION

Petroleum Lubricating Oil N.O.S.

STORAGE/HANDLING/DISPOSABILITY

No health or safety hazards exist when **Cut-Max 670** 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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