

PRODUCT DATA

CUT-MAX® TPO-46

There are many advantages gained by using one product in an automatic machine tool for all aspects of its operation. **Cut-Max TPO-46** was developed for use as a general purpose machining oil, lubricating oil, and hydraulic oil. These features provide one product which can be used in machines where leakage and cross contamination of fluids reduce overall operating efficiency. The use of **Cut-Max TPO-46** eliminates the problem of additive dilution and decreased product and machine tool performance caused by mixing of these different fluids.

An added benefit of **Cut-Max TPO-46** is the reduction in the number of oils used in the shop.

Because of its excellent lubricity and extreme pressure packages, **Cut-Max TPO-46** can be used for most general machining operations of all ferrous and nonferrous metals. It is non-corrosive to copper and its alloys, and can also be used for machining both wrought and cast aluminum alloys.

FEATURES

- * Fewer products in plant
- * Excellent lubrication
- * Improved surface finish
- * Elimination of cross contamination

BENEFITS

- * Reduced inventory costs
- * Improved tool life
- * Improved manufacturing conditions



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TYPICAL PHYSICAL & CHEMICAL PROPERTIES

Appearance	Clear, Dark Amber Fluid
Viscosity @ 100°F, SUS	214
Pounds per Gallon	7.42
Specific Gravity @ 60°F	0.890
Pour Point, °F	10
Flash Point, COC, °F	430
Fire Point, COC, °F	455
Copper Corrosion Test, ASTM D-130	1A

SHIPPING INFORMATION

Cut-Max TPO-46 is shipped in 55 (U.S.) gallon steel drums, 345 gallon liqua-bins, and in bulk.

SHIPPING CLASSIFICATION

Petroleum Oil or Grease NOS

STORAGE/HANDLING/DISPOSABILITY

No health or safety hazards exist when **Cut-Max TPO-46** is stored, used and disposed o 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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