

# CINDOL 4641

HEAVY DUTY METALWORKING FLUID FOR USE ON ALUMINIUM,  
FERROUS, COPPER AND ALLOYS

## DESCRIPTION

**CINDOL 4641** is a highly concentrated product to be used straight where heavy loads are generated. It can be used cut back with mineral oil for lighter loads, or used to fortify other straight Houghton Cindol products where necessary.

**CINDOL 4641** contains a unique lubrication addition, which dramatically lowers the coefficient of friction of steel to aluminium, and aluminium to aluminium. It is also used on stainless steel, bronze, titanium and other metals. Houghton's **CINDOL 4641** gives improved results in general lubrication, forming and machining operations

## FEATURES

- **Brighter metal surfaces**
- **Highly fortified**
- **Excellent lubricity**

## TYPICAL VALUES

<b>Appearance liquid</b>	-	<b>Light yellow</b>
<b>Odour</b>	-	<b>Bland</b>
<b>Viscosity 40°C (cSt)</b>	-	<b>6 cSt</b>
<b>Specific Gravity @ 15°C</b>	-	<b>0.836</b>
<b>Flash Point °C (C.O.C.)</b>	-	<b>126</b>

## HEALTH AND SAFETY

Refer to MSDS for proper handling and disposal. Please note that the MSDS includes handling, health and disposal information which should be passed on to your employees, and to anyone else who comes in contact with our product. Additional advice can also be obtained from your local Houghton representative.

NOTE: Read and understand all precautions on container labels before using this product.

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This document contains information based on data that is believed to be correct. However, the product may not be applicable to all uses and operating environments. No warranty or guarantee is expressed or implied.

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## REFERENCES

## RELATED PRODUCTS

- CUT-MAX: Straight cutting oils
- HOCUT: Water miscible metalworking fluids
- DROMUS: Soluble metalworking fluids
- ADRANA: Micro-emulsion metalworking fluids
- METALINA: Synthetic metalworking fluids
- HOUGHTO-GRIND: Straight and water miscible grinding fluids
- HOUGHTO-DRAW: Straight and water miscible drawing stamping and forming fluids.
- CINDOL: Straight and water miscible drawing and forming fluids especially for Aluminium parts.
- CERFA-KLEEN: Water miscible cleaning fluids
- RUST VETO: Straight and water miscible rust preventive fluids.

## HOW TO USE

**CINDOL 4641** can be used straight or diluted with mineral oil. Application can be by flood, drip, brush, roller coat or spray

## FLUID MAINTENANCE

These can be routinely performed and organised through Houghton's Customer Service laboratory, please contact your sales representative for further information about this service.

## SHELFLIFE & AVAILABILITY

Under normal conditions the recommended shelf life for **PRODUCT** is a minimum of Twelve (12) months, unless otherwise specified.

**PRODUCT** is available in 205 litre drums. Other sizes may be available upon request, please contact your Houghton sales representative.

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