

CINDOL® 4687

New Wire Lubricant For Drawing All Aluminium Alloys and The Magnesium Allayed Rod

DESCRIPTION

CINDOL 4687 was developed for use as a lubricant for drawing and forming the difficult aluminium alloys, i.e., 5056,

5052, 6201, etc.

CINDOL 4687, with "ND" additive, has shown exceptional results on 5056 alloy rod breakdown and wire drawing. The

unique "ND" additive content dramatically lowers the coefficient of friction of steel to aluminium, aluminium to aluminium

and other metals. **CINDOL 4687** has been inhibited with an antioxidant which will extend the life of this drawing oil.

When **CINDOL 4687** is used for wire drawing,

FEATURES

CINDOL 4687 has the following advantages over conventional lubricants: brighter wire, permits faster drawing speeds,

dies run cooler, build-up on dies is reduced, faster settling of fines, enhancing filtration and lubricant sump life. The

protective film which remains on the wire keeps it bright and clean. There is no problem with subsequent operations.

TYPICAL VALUES

| | |
|------------------|-----------------|
| Appearance | Clear, dark oil |
| Viscosity @ 40°C | 170 cSt |
| Density @15°C | 0.900 kg/L |
| Odour | Bland |
| Flash Point | >150°C |

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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REFERENCES

HOW TO USE

Before **CINDOL 4687** is charged into a system, machines should be thoroughly cleaned. In order to obtain optimum results from **CINDOL 4687**, the system must be kept free of moisture. (MOISTURE INCREASES DIE WEAR AND GIVES

A POOR SURFACE FINISH). At no time should the sump temperature be allowed to drop below 24°C or exceed 66.0°C.

Houghton's **CINDOL 4687** should be used neat as supplied.

Before using **CINDOL 4687** please ensure that all safety requirements as set out on the Material Safety Data Sheet are

observed and adhered to, if ever in doubt please contact your sales representative who will be happy to help by addressing

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.

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 Aluminum parts.
- CERFA-KLEEN: Water miscible cleaning fluids
- RUST VETO: Straight and water miscible rust preventive fluids.

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.

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