

CINDOLUBE 4680

Neat Aluminium Forming Oil

DESCRIPTION

CINDOLUBE 4680 is based on hydro treated mineral oil with low aromatic content. A combination of polar additives provide the oil with high load carrying properties. The oil provides good surface finish of the machined work pieces.

CINDOLUBE 4680 is free from Chlorine, Sulphur, Phosphorous and heavy metals (Zinc)

APPLICATIONS

CINDOLUBE 4680 is used for drawing of aluminium wire and sheet material. The "ND" additives prevent the fresh machined surface from rapid oxidation.

CINDOLUBE 4680 shows also good results for aluminium press forming.

RECOMMENDATION FOR USE

CINDOLUBE 4680 is used neat as supplied.

TYPICAL PHYSICAL PROPERTIES

Colour	yellow	
Specific Gravity @ 20 °C kg/m ³	890	ASTM D 4052
Kinematic Viscosity @ 40°C, mm ² /s	145	ASTM D 7042
Flash Point COC °C	230	ASTM D 92
Pour Point °C	-15	ASTM D 99
Copper Corrosion	1b	ASTM D 130

BENEFITS

- Reduced cost - higher production rates due to strong lubricity
- Reduced cost - clean workshop environment due to less oil mist and evaporation
- Satisfied staff - good EHS profile, reduced smell and oil mist
- Satisfied staff - light color for good monitoring of the operation

RELATED PRODUCTS

For best results we recommend the use of the Houghton range of industrial lubricants, cleaners and corrosion protective.

For more information, please contact your local Houghton representative.

STORAGE

Please refer to section 7 of Safety Data Sheets for handling and storage information, including product shelf life. Product should be stored under cover in clean, dry conditions and protected from frost. Recommended storage temperature is usually between 5°C and 40°C unless otherwise specified. Use stock in delivery rotation.

HEALTH AND SAFETY

Safety data sheets are available in accordance with Regulation (EC) No 1907/2006 Annex II where a substance or preparation meets the criteria in accordance with Directives 67/548/EEC or 1999/45/EC.

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