

Cindol® 4683

Metal forming lubricant

DESCRIPTION

Cindol 4683 was developed especially for use as a lubricant for drawing and forming aluminum. It can be used for difficult non-ferrous stamping and forming operations as well as for rod breakdown drawing of aluminum wire.

In addition to its remarkable lubricating characteristics, **Cindol 4683** contains a unique additive, ND. This dramatically lowers the coefficient of friction of steel to aluminum, aluminum to aluminum and can also be used on stainless steel, bronze, brass, galvanized steel, titanium and other metals.

When **Cindol 4683** is used for wire drawing, it has the following advantages over conventional lubricants: brighter wire, permits faster drawing speeds, dies run cooler and build-up on the die is reduced.

The protective film which remains on the wire keeps it bright and clean. There is no problem with adhesion of insulation coatings.

FEATURES / BENEFITS

- Clean brighter metal surfaces with improved metal finish.
- Excellent lubricity for greatly reduced die pickup.

DATA (TYPICAL VALUES)

Appearance	Amber liquid
Viscosity @ 100°F (38°C)	725 SUS
Odor	Bland
Flash Point (C.O.C.)	350°F (177°C)
Fire Point (C.O.C.)	410°F (210°C)
Pounds per Gallon	7.49
Specific Gravity	.90

HEALTH AND SAFETY

Refer to SDS for proper handling and disposal. Please note that the SDS 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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