

# TECHNICAL DATA SHEET

## CINDOL® 4680

### WIRE DRAWING LUBRICANT

CINDOL® 4680 was developed for non-ferrous rod and wire drawing especially for aluminum alloys.

#### Applications

CINDOL® 4680 contains a unique additive technology that provides friction modification at the die to metal surface interface. Quaker Houghton's technology lowers the coefficient of friction on aluminum alloys, copper alloys, titanium, magnesium, and stainless steels enabling improved drawing performance. The light oil film remaining on the rod or wire after the drawing operation, prevents the wire from discoloration and protects during coiling, spooling or bunching operations.

#### The Benefits

- Brighter surfaces
- Dies run cooler
- Reduces build-up on dies
- Permits faster speeds

#### Health, Safety and Handling

Please consult the Safety Data Sheet (SDS) for information on storage, safe handling and disposal. The conditions or methods of handling, storage, use and disposal of the product are beyond our reasonable control - we assume no liability for any ineffectiveness of the product or any injury or damage, arising out of or in connection with these conditions.

#### Properties

PROPERTY	TYPICAL VALUE	UNIT
Appearance	Amber fluid	
Viscosity at 40°C	160	cSt
Odor	Bland	
Flash Point (C.O.C)	178	°C

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