



CINDOLUBE 4683

Data Sheet

ALUMINIUM DRAWING OIL CONTAINING ND ADDITIVE

CINDOLUBE 4683 is a drawing oil, suitable for deep drawing operations, tube drawing, rod break-down and wire, which belongs to a new series of products containing the unique ND additive.

ND ADDITIVE

The surface of certain metals, such as aluminium, is normally coated with a layer of metal oxide; this coating is generally brittle and abrasive. During plastic deformation surfaces oxidize very rapidly and traditional drawing oils are unable to prevent this oxidation.

The unique action of the ND additive, however, combines with the freshly produced metal surface so rapidly that oxide formation cannot occur. The coating formed by the ND additive has a very low coefficient of friction and consequently operations are made easier.

Moreover, viscosity of the product is considerably lower compared with other lubricants generally used for these sort of applications resulting in easier operations and advantages such as increased die life, higher production rates and mirror-like finishes.

CHEMICAL-PHYSICAL CHARACTERISTICS

Specific gravity at 15.5°C	0.890-0.905
Colour	brown
Viscosity at 40°C	140-155 cSt
Flash point [COC]	180°C

REMOVAL

CINDOLUBE 4683 is relatively easily removed in any conventional cleaning operation and can be better pumped than heavier lubricants.

PACKAGING & STORAGE

CINDOLUBE 4683 is available in 25-litre-drums and 205-litre-barrels.

CINDOLUBE 4683 maintains its chemical-physical and technical characteristics if stored in a sheltered place at temperatures ranging -5°C-40°C for a maximum period of six months.

WASTE TREATMENT

CINDOLUBE 4683 cannot be directly discharged. Follow national or local regulations.

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