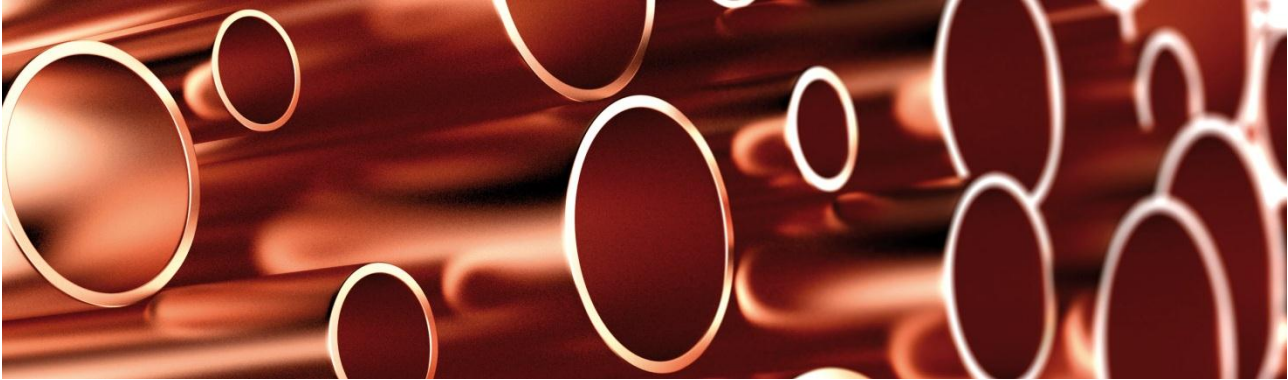




Tubol™ 2000AL

Non-ferrous tube drawing lubricant



Description

Tubol 2000AL is a fully-synthetic, polymeric lubricant formulated for the cold drawing of non-ferrous tubes on high speed spinner-blocks and draw benches. This lubricant has been formulated from synthetic base oils together with the latest polymer technology and a high level of lubricity additives to offer excellent lubrication properties and enhanced bright annealing capability.

Tubol 2000AL was designed mainly for I.D. and O.D lubrication of aluminium tubes and has proved advantageous in lubricating the I.D. of drawn copper tubes where staining and carbon residues are kept to an absolute minimum following heat treatment. The resulting tube surface is particularly bright.

Customer's individual working methods and technical requirements may require the selection of other products within Metalube's Tubol range of drawing lubricants.

Features and benefits

- Superior lubricating properties to ensure long tool life and enhanced surface finish of the drawn tube
- Excellent bright annealing characteristics in heat treatment processes with inert, dry atmospheres, particularly over the relatively lower temperature ranges for aluminium
- Lower carbon residues compared with more conventional polymer oils
- High viscosity index maintains lubricating film even at elevated temperatures

Global specialists in high-performance lubricants

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Company registration number: 2263118; Company registered in England VAT registration number GB108244927000



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Tubol™ 2000AL

Recommended instructions for use

Tubol 2000AL should be applied to the work piece in its neat form, by total loss/single-shot methods or recirculation. This grade is suitable for application to both the inside and outside diameter of non-ferrous tubes.

Pack sizes

Tubol 2000AL is available in 1000 litre IBC and 200 litre drums

Technical data (typical values)

Property	Test method	Result
Concentrate appearance	MSTM 1	Clear fluid
Kinematic viscosity @ 40°C	MSTM 27	2000 cSt
Kinematic viscosity @ 100°C	MSTM 28	100 cSt
Sulphur content	XFR	nil
Density at 20°C	MSTM 23	0.89 g.cm ⁻³

Storage

Store Tubol 2000AL out of direct sunlight and protect from frost. Storage temperature should be controlled to between 5°C and 35°C.

The product information in this publication is based on knowledge and experience at the time of printing. There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility.

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