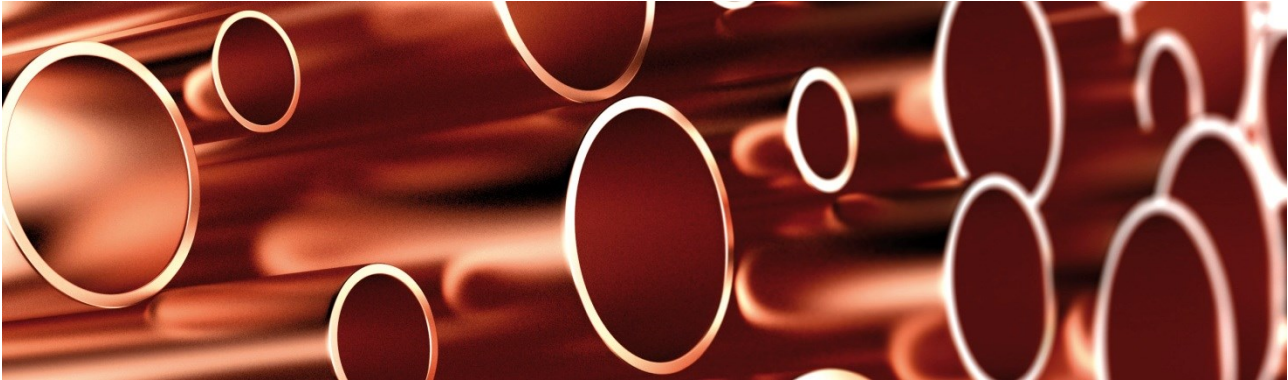




Tubol™ M650

Non-ferrous tube drawing lubricant



Description

Tubol M650 is a low/medium viscosity semi-synthetic lubricant formulated for the cold drawing of non-ferrous tube, bars and sections, particularly copper, aluminium and their alloys.

Tubol M650 is recommended for lubricating tubes on spinner blocks, high speed draw-blocks and Schumag type equipment. It is suitable for use on both outside diameter (O.D.) and inside diameter (I.D.) of tubes to provide excellent tool life and enhanced tube surface finish.

Tubol M650's low viscosity means that residual oil level is low and used in combination with a stripping lubricant, such as Tubol 621, the product gives low carbon residues after annealing.

Features and benefits

- Optimum lubrication properties providing excellent tool life and enhanced surface finish to the drawn material
- Low viscosity gives low residual oil levels
- Designed for use with Tubol 621 (stripping lubricant) to give minimal carbon residues
- Viscosity characteristics and excellent lubrication properties means it can be used at extreme summer and winter temperatures

Global specialists in high-performance lubricants

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Tubol™ M650

Recommended instructions for use

Tubol M650 should be used as supplied and applied to the work piece in its neat form. It is suitable for application to both the inside and outside diameter of non-ferrous tubes.

Pack sizes

Tubol M650 is available in 200 litre drums

Technical data (typical values)

Property	Test method	Result
Concentrate appearance	MSTM 1	Clear bright amber fluid
Kinematic viscosity @ 40°C	MSTM 27	650 cSt
Kinematic viscosity @ 100°C	MSTM 28	48 cSt
Density at 20°C	MSTM 23	0.89 g.cm ⁻³

Storage

Store Tubol M650 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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