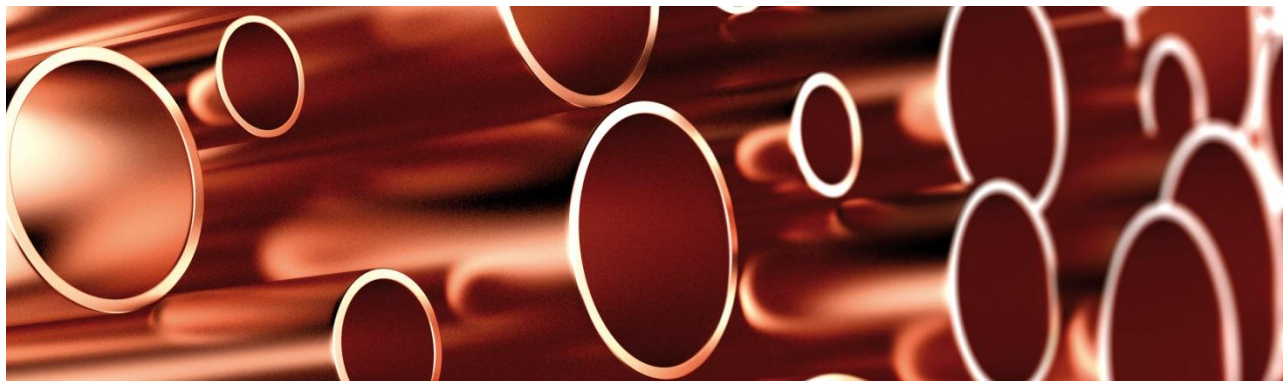




Tubol™ 203

Non-ferrous tube drawing lubricant



Description

Tubol 203 is a low/medium viscosity, fully synthetic lubricant formulated for the cold drawing of non-ferrous tube. The lubricant has been formulated from highly refined base oils and lubricity additives for lubrication of the final draw pass, predominantly on the inside diameter of non-ferrous tubes. Tubol 203 has excellent lubricating properties and has proved very effective for the manufacture of inner grooved tubes. The residual oil film is designed to vaporize during annealing leaving absolute minimal residues.

Tubol 203 is recommended for lubricating tubes on high speed spinner-blocks and Schumag type equipment. The product should be applied to the tube I.D. on the finishing draw passes to provide excellent tool life and enhance the tube surface. This lubricant may also be applied to the outside diameter where lower lubricant carry-over is required.

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

- Good lubrication providing excellent tool life and enhanced surface finish to the drawn tube
- Low viscosity provides reduced lubricant carry-over
- Excellent bright annealing characteristics in heat treatment processes with inert, dry atmospheres
- Minimal carbon residues
- Removes heavy lubricants from break-down draws due to solvency and flushing action

Global specialists in high-performance lubricants

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



Cert No 2367QM8001



Tubol™ 203

Recommended instructions for use

Tubol 203 should be applied to the work piece in its neat form. This grade is suitable for application to both the inside and outside diameter of non-ferrous tubes.

Pack sizes

Tubol 203 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	125 cSt
Density at 20°C	MSTM 23	0.868 g.cm ⁻³

Storage

Store Tubol 203 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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