

Technical Data

Tubol™ ML40

Non-ferrous tube process fluid



Description

Tubol ML40 is a synthetic, water-based lubricant for use on the mandrel press during copper tube extrusion. Tubol ML40 is free from oil and graphite reducing the carbon level on the internal diameter even at this early process. It provides a physical barrier between the mandrel and the billet which allows good release and extends the life of the mandrel.

Tubol ML40 is suitable for use on copper and brass.

Tubol ML40 is provided ready to use but can also be readily diluted further if required. Tubol ML40 can be applied by brush, dip swab, flood or spray.

Features and Benefits

- Reduced carbon on the internal diameter
- Graphite and oil free giving cleaner working environment
- Supplied ready to use for convenience but also ready dilutable if required
- Formaldehyde Free

Recommended Instructions for Use

Tubol ML40 is provided ready to use. If a lower strength is required, Tubol ML40 should be added to good quality water (low hardness and chloride content, free from microbial contamination) and mixed.

Tubol ML40 can be applied by brush, dip swab, flood or spray.

Storage

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

The most up to date shelf-life information for Metalube products can be found on the certificate of analysis issued at the time of manufacture.

Pack Sizes

Code	Pack
F405525	200 Ltr barrel
F404820	1000 Ltr IBC

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Property	Test method	Results
Appearance	MSTM 1	Dark brown liquid
pH neat	MSTM 18	8.8
Density at 20°C	MSTM 23	1.07 g.cm ⁻³

Note: these values are typical only and do not constitute a specification

Limited warranty information

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that our products are safe, effective and fully satisfactory for the intended end use. We accept no liability for any loss and/or damage arising from a failure to store our products in accordance with the information contained in this technical sheet. Metalube Group's sole warranty is that our products will meet their quality control specifications in effect at the time of shipment. Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted. To the fullest extent permitted by applicable law, Metalube Group specifically disclaims any other express or implied warranty of fitness for a particular purpose or merchantability. Metalube Group disclaims liability for any incidental or consequential damages.

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