

Technical Data

Tubol™ BR Range

Non-ferrous tube drawing lubricants



METALUBE®

Description

Tubol BR products are mineral oil based, medium-to-high viscosity OD polymeric lubricants for the cold drawing of non-ferrous tubes and rods.

Designed for primary breakdown and intermediate draw passes, from initial tube shell reductions through post-cast and roll processing stages. Also suitable for high-speed spinner block operations and use on Schumag type equipment.

Formulated with advanced polymer and additive technology, Tubol BR ensures excellent drawing performance at elevated speeds and temperatures. Available in three viscosity grades (ranging from 2200 cSt to 7000 cSt), providing tailored film strength and process optimisation across the variety of tube drawing operations.

The Tubol range also offers specialist lubricants for various tube manufacturing processes.

Features and Benefits

- High viscosity provides excellent load-bearing film strength
- Supports bright, oxide-free annealing finishes during heat treatment under dry, inert atmospheres
- Excellent adhesion to tube exterior, ensuring continuous lubricant coverage
- Low fuming characteristics

Recommended Instructions for Use

Tubol BR products should be applied to the work piece in its neat form, typically by re-circulation from a holding tank.

Refer to the product safety data sheet for guidance on safe handling, storage, and disposal.

Storage

Store 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

Product	Code	Pack
BR 2200	F402725	200 Ltr drum
BR 5500	F402025	200 Ltr drum
BR 7000	F403025	200 Ltr drum

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Property	Test method	BR 2200	BR 5500	BR 7000
		Formerly Tubol 193	Formerly Tubol 2710DM / 1962JR	Formerly Tubol 350JR
Appearance	MSTM 1	Clear amber fluid	Clear brown fluid	Clear brown fluid
Kinematic viscosity at 40°C	MSTM 27	2200 cSt	5500 cSt	7000 cSt
Kinematic viscosity at 100°C	MSTM 28	140 cSt	300 cSt	375 cSt
Viscosity index	Calculated	163	190	200
Density at 20°C	MSTM 23	0.90 g.cm ⁻³	0.90 g.cm ⁻³	0.90 g.cm ⁻³
Residue TGA D50-550	MSTM 91	<5%	<5%	<5%

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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