



Metarol™ Cu600

Hot Copper Rolling Fluid



Description

Metarol Cu600 is a high performance, fully synthetic lubricant designed specifically for the hot rolling of copper rods. Carefully selected corrosion inhibitors and lubricity additives provide optimum protection to work rolls and the copper rod surface. Metarol Cu600 forms an extremely stable solution with minimal copper dissolution to provide high detergency and effective cooling to enhance roll life and rod surface quality.

Features and benefits

- Maximum corrosion resistance
- Minimal copper dissolution
- Excellent solution stability
- Rapid quenching
- High detergency
- Low foaming
- Sodium Nitrite and Boron Free

Recommended instructions for use

Being fully synthetic Metarol Cu600 is not compatible with mineral oil based emulsions. Machines should be cleaned and flushed to remove residues of previously used lubricants.

To prepare a solution always add Metarol Cu600 concentrate to water with adequate agitation – **never** add water to the concentrate.

Global specialists in high-performance lubricants

Metalube Limited, 4 Huntsman Drive, Northbank Industrial Park, Irlam, Manchester M44 5EG, UK
Tel: +44 (0)161 775 7771 Fax: +44 (0)161 775 7511 post@metalube.co.uk www.metalube.co.uk

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



Cert No 2367QM8001



Metarol™ Cu600

Technical data (typical values)

Property	Test method	Result
Concentrate Appearance	MSTM 1	Translucent colourless fluid
Concentrate pH (5% in de-ionised water)	MSTM 18	8.5
Density at 20°C	MSTM 23	1.080 g.cm ⁻³
Conductivity at 25°C (5% in de-ionised water)	MSTM 34	2060 µS

Dilution range

Metarol Cu600 is designed to be used in the dilution range 1.5 – 3.5%.

Please consult Metalube for guidance.

Concentration monitoring

Solution concentration is generally measured using a refractometer measuring on the Brix scale.

To obtain the actual concentration multiply the refractometer reading by the correction factor 2.0

e.g. Refractometer reading	= 1.5
Correction factor	X 2.0
Actual dilution	= 3.0%

Pack sizes

Metarol Cu600 is available in 1000 litre IBC and 205 litre drums

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Storage

Store Metarol Cu600 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.

Issue date 02-18

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