

TECHNICAL DATA SHEET

SYNFORM GTR

Synthetic Tube Rolling Fluid

Code 7181

DESCRIPTION

Callington Synform GTR is a synthetic, oil rejecting roll forming fluid. It is designed specially for use on galvanised, welded steel tube, as well as hot and cold rolled steel tube.

It is uniquely formulated to allow use on multiple metals, without concerns of galvanic corrosion.

Callington Synform GTR provides excellent mill cleanliness and optimises mill lubrication without the problems of roll slippage.

APPLICATION

Callington Synform GTR meets the requirements of rolling galvanised mechanical tube, as well as hot and cold rolled steel tube.

It is recommended for use between 5% and 10% concentration in water.

BENEFITS

- Provides excellent corrosion protection on steel, and resistance to staining and white corrosion on galvanised tube surfaces.
- Outstanding detergency, to wash mill oil and scale from tubes and forming rolls, enhancing mill and tube cleanliness.
- High lubricity, to prevent coated metal roll smearing, and reducing roll wear.
- Easily washed from tube surfaces providing a clean surface for secondary coating.
- Stable in soft and hard water conditions, providing long system life in high contamination environments.

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TYPICAL DATA (note: data is typical and does not constitute a specification).

CONCENTRATE	TEST METHOD	TYPICAL RESULT
Appearance	Visual	Clear yellow fluid
Density@ 20°C	DIN 51757, ASTM D1298	1.06
DILUTION		
Appearance 5%	Visual	Clear, colourless
pH 5%	DIN 51361, ASTM E70-97	8.7
Refractometer Factor		2.86

Note: Callington Synform GTR is readily removed using mild aqueous alkaline cleaners, available from Callington.

For best performance it is recommended that pressure or gravity filtration is utilised.

STORAGE

Keep container closed, prevent exposure to frost, and prevent water ingress. Store in cool, dry conditions, and avoid direct sunlight. Indoor storage is preferable.

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