

TECHNICAL DATA SHEET

Synform TR30

7121

Synthetic Tube Rolling Fluid

DESCRIPTION

Callington Synform TR30 is a synthetic, oil rejecting roll forming fluid. It is designed specially for roll forming, hot and cold rolled, structural steel tube.

Callington Synform TR30 provides excellent mill cleanliness, effectively keeping mill rolls clear of mill scale build up. It's clean running nature under all water conditions, and its ability to settle out mill scale and dirt rapidly, allows its use in systems with little or no filtration.

APPLICATION

Callington Synform TR30 is recommended for use at 5% to 8% for roll forming of carbon steel structural tube.

The products rust protection package provides extended indoor, inter process corrosion protection.

BENEFITS

- Provides excellent corrosion protection on steel, providing inter process indoor corrosion protection.
- Outstanding detergency, to wash mill oil and scale from tubes and forming rolls, enhancing mill and tube cleanliness.
- Quickly separates tramp oil and settles particulates to maintain clean fluid conditions, even in systems with high turnover rates and minimal retention times.
- 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.
- Unique lubrication properties, provides long roll life.

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

Concentrate	Test method	Typical result
Appearance	Visual	Clear pale yellow fluid
Density @ 20°C	DIN 51757, ASTM D1298	1.06
Dilution		
Appearance 5%	Visual	Clear, colourless
pH 5%	DIN 51361, ASTM E70-97	9.1
Refractometer Factor		2.22

Note: Callington Synform TR30 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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