

## TECHNICAL DATA SHEET

# CALFORM SF10

## *Tube Rolling Coolant*

**Code 7510**

### DESCRIPTION

Callington Calform SF10 oil is a chlorine and boron free, Tube rolling coolant. Its high mineral oil content and the unique additive package provides excellent lubrication and corrosion protection properties, forming a milky type emulsion.

It also provides consistent performance in a wide range of water types.

### FEATURES & BENEFITS

- Contains premium corrosion protection additive so can protect rust for some period without coating with rust protection products.
- Stable, low scum performance in hard water environments, providing cleaner working condition and lower top-up rate.
- Low foam performance in soft water conditions, eliminating the use of antifoams and reducing maintenance costs.
- Effective biocide system, to prevent bacterial degradation, and extend coolant life.
- Boron free for environmental compliance and reduced residue characteristics.
- Chlorine, phenol and nitrite-free, meeting local legislation, waste treatment, and environmental requirements.



### APPLICATION

Callington Calform SF10 is suitable for use in small to large sump tank for tube rolling mill. Also, can use in general machine shops, where general machining operations, on a range of materials, require a stable product, offering versatility at a reasonable cost.

Callington Calform SF10 is particularly recommended for tube rolling mill where rust protection and sump-life are the key concern. It is non-staining to aluminium alloys.

The recommended water range is 50ppm- 400ppm hardness as CaCO<sub>3</sub>.

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### RECOMMENDED DILUTIONS

Material	Low-medium alloy steel	High alloy steel	Aluminium alloys
Tube rolling	3-5%	3-5%	3-5%
Turning	4-5%	5%	5%
Milling			
Boring			
Drilling			
Tapping	7%	8-10%	7%
Threading			

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

Concentrate	Test Method	Typical Result
Appearance	Visual	Clear amber liquid
Density	DIN 51757/ASTM D1298	0.88
Solution	Test Method	Typical Result
Appearance	Visual	Milky white emulsion
pH5%	DIN 51361/ASTM E70-97	9.5
Refractometer Factor		1.1

### ORDERING INFORMATION

Product Code	Packaging
7510/1000	1000 litres

### 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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