

TECHNICAL DATA SHEET

GX 360

Code 7486

High Performance EP Semi Synthetic Metalworking Coolant

DESCRIPTION

Callington GX 360 is a heavy-duty semi-synthetic metalworking coolant, which forms a highly stable milky emulsion when mixed with water. It is based on highly refined mineral oil and contains chlorinated extreme pressure additives for exceptional machining performance.

The product is formulated with innovative additive technology to provide long fluid life, excellent emulsion stability, and corrosion protection.

FEATURES & BENEFITS

- Product rationalisation - one product for multi – metal machining operations
- Excellent coolant stability ensures consistent machining performance, minimises rejects, and improves machine cleanliness
- Stable low foaming milky emulsion, with excellent wetting properties means less drag out and lower top up rates, minimises foam in high speed systems, and trouble-free operation
- Able to tolerate high tramp oil contamination, and is resistant to bacterial attack, means long service life and lower coolant costs



APPLICATION

Callington GX 360 is suitable for various metal cutting and grinding operations on ferrous and non-ferrous materials, including aluminium and its alloys, copper alloys, cast iron, stainless and hardened steels. Can be used in applications where high levels of lubricity and extreme pressure performance are required, including tapping, reaming, and broaching.

Its versatility and long service life make it ideal for use as a multi-purpose fluid and are equally suited for use in single sump machines and centralised coolant systems.

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RECOMMENDED DILUTIONS

Material	Low Si Aluminium	High Si Aluminium	Low alloy steels	High Alloy Steels
Operation	4%	4%	4%	5-10%
Grinding				
Turning	4%	5%	5-10%	6-10%
Drilling				
Milling				
Reaming	4%	8%	10%	6-10%
Tapping				
Threading				
Broaching	4%	10%	10%	10%

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

Concentrate	Test method	Typical result
Appearance	Visual	Pale Brown Liquid
Density @ 15C g/ml	DIN 51757, ASTM D1298	1.03
Emulsion		
Appearance	Visual	White semi translucent
pH 5%	DIN 51361, ASTM E70-97	9.05
Refractometer Factor		1.5

ORDERING INFORMATION

Product Code	Packaging
7486/51	20 litres
7486/64	200 litres

STORAGE

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

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