

Specialty Chemical Manufacturers for Industry, Biosecurity and Aviation

GC100

Fully Synthetic Fluid for Grinding and Cutting
Ultra Long Life, No Foam, Clear

DESCRIPTION:

Callington GC100 is a fully synthetic, high-performance, long-service life, metalworking fluid with excellent machining capability. Free from secondary amines, nonyl phenol ethoxylates, chlorine, sulphur, phosphorous and triazine.

TYPICAL APPLICATIONS:

Centreless, surface, cylindrical and creep feed grinding.
Sawing, turning, milling, drilling, threading, deep hole boring, reaming and tapping.

MATERIAL COMPATIBILITIES:

Suitable for a wide variety of materials: Stainless steels, high-tensile steels and other difficult to machine materials.

Not suitable for aluminium, yellow metals and tungsten alloy.

WATER COMPATIBILITY:

Suitable for a wide variety of water qualities typically between 50-350 ppm.
GC100 has an ultra-low foaming tendency.

CONCENTRATION:

General Machining: 5-7%
Heavy Duty Machining: 7-10%
High Speed CNC Machining: 7-10%
Grinding: 3-4%
Creep Feed Grinding: 5-10%



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SPECIFICATIONS:

Appearance	:	Clear Green Viscous Liquid
Density	:	1.08 @25°C
Ph (Concentrate)	:	8.5 - 9.0
Normal Working Ph	:	8.2 - 8.7
Flash Point	:	Not Applicable
Refractometer Index	:	2.5

PACKAGING

Available in 20L and 200L

WBD COOLANT SYSTEM CLEANER

It is very important that any machine which has been running on soluble oil and micro-emulsion type fluid is thoroughly cleaned with Callington WBD coolant system cleaner before dosing GC100.

Callington WBD Coolant System Cleaner is recommended for cleaning machine sump and circulation coolant system between fluid change overs. WBD Coolant System Cleaner is available in 5L and 20L. Please contact us for more information.

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