



## FLUIDCUT CI

### DESCRIPTION

Fluidcut CI is a low oil content water miscible metalworking fluid concentrate that produces an ultra stable micro emulsion. Suitable for machining a wide variety of materials including low to medium tensile steels. Because of the design of the product it particularly lends itself to the machining of aluminium.

### APPLICATIONS

Most chip forming processes including sawing, turning, milling, drilling and threading. General purpose surface, cylindrical and centreless grinding.

### COMPATIBILITY

Suitable for a wide variety of water qualities

With hardness values typically between 50 and 350ppm Fluidcut CI has a very low foaming tendency.

### TYPICAL DATA

#### Concentrate

Appearance	Amber Liquid
Specific Gravity	1.05
Mineral Oil Content %	30

#### Emulsion

Appearance	Amber/Gold
pH at 3%	9.2
IP 287 Corrosion Test %	2.0
De foam ml(3% in 50ppm water )	Nil(20 secs)
Refractometer: Factor	0.7

### STORAGE

The product should be stored under cover and protected from extreme temperatures (above 0°C and below 40°C). Avoid water collecting in the rim of upturned barrels.

### SHELF LIFE

Fluidcut CI has a shelf life of six months from the date of supply.

### MIXING .

F.T.G. advise the use of automated mixing systems. If the fluid is to be mixed manually, always add the concentrate to the water with maximum agitation. The emulsion strength should always be checked using a calibrated refractometer.