



FLUIDCUT LO

DESCRIPTION

Fluidcut LO is a low oil content semi synthetic 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. Excellent performance in the machining of aluminium.

APPLICATION

General purpose surface, cylindrical and centreless grinding, sawing, turning, milling, drilling and threading.

COMPATIBILITY

Suitable for a wide variety of water qualities
With hardness values typically between 50 and 350 ppm Fluidcut LO has a very low foaming tendency.

TYPICAL DATA

Concentrate

Appearance	Amber Fluid
Specific Gravity	1.05
Mineral Oil Content %	8.0

Emulsion

Appearance	Clear Amber
pH at 3%	9.5
IP 287 Corrosion Test %	2.0
De foam ml(3% in 50ppm water)	Nil(20 secs)
Refractometer: Factor	0.5

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 LO 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.