



FLUIDGRIND

DESCRIPTION

FLUIDGRIND is a fully synthetic water miscible metalworking fluid concentrate designed for grinding & machining a wide variety of materials including low to medium tensile steels.

APPLICATION

General purpose surface, cylindrical and centreless grinding, turning, and milling.

COMPATIBILITY

Suitable for a wide variety of water qualities

With hardness values typically between 50 and 450 ppm

Fluidgrind has a very low foaming tendency.

TYPICAL DATA

Concentrate

Appearance	Amber Fluid
Specific Gravity	1.05

Emulsion

Appearance	Clear Amber
pH at 3%	9.3
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

Fluidgrind has a shelf life of 12 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.