



United Oil
PERFORMANCE • VALUE • RELIABILITY

UNICOOL BLU

Product Description:

UNICOOL BLU is a biostable, semi-synthetic emulsifiable metalworking fluid. It is free of amines, triazine, nitrites, phenols, chlorine and PTBBA and is suitable for machining a wide variety of materials; from non-ferrous aluminium, copper, brass to ferrous metals like free cutting steel and stainless steel.

UNICOOL BLU has excellent emulsification and corrosion inhibition. It has extremely high resistance against bacterial growth.

When mixed with water, UNICOOL BLU gives a semi translucent bluish solution with excellent long-term stability.

Applications / Benefits:

- ▯ 3 - 5% dilution is suggested for grinding.
- ▯ 4 - 7% dilution is recommended for machining operation.
- ▯ Stable in water hardness up to 500ppm.

Typical Characteristics:

Test Description	Method	Typical Result
Concentrate:		
Appearance		Amber Liquid
Specific Gravity @ 15C	ASTM D 4052	1.00
Emulsion:		
Appearance		Translucent Blue
pH @ 3%		9.6
IP 287 Corrosion Test %		3.0
Refractometer Factor		3.33

Product Data Sheet