

UNICOOL BLU (SEMI-SYN)

UNICOOL BLU is a biostable, semi-synthetic emulsifiable metalworking fluid. It is free of Amines, Triazine, Nitrites, Phenols, Chlorine and PTBBA that will reduce to a minimum for skin sensitive. It 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 RESULTS |
|-------------------------|--------|--------------------|
| Appearance | | Amber liquid |
| Specific Gravity | | 1.02 |
| Emulsion: | | |
| Appearance | | Translucent Bluish |
| pH at 3% | | 9.4 |
| IP 287 Corrosion Test % | | 3.0 |
| Refractometer Factor | | 3.0 |