

UNIGRIND SYNTHETIC 2

United Unigrind Synthetic 2 is a biostable, fully synthetic grinding fluid with high levels of corrosion protection at low concentrations and possessing extremely good wheel flushing performance. Due to its unique formulation, United Unigrind Synthetic 2 combines a nitrite free composition with low foaming tendency and ability to remain clear and clean in the presence of tramp oil.

United Unigrind Synthetic 2 is free from Nitrites, Phenols, Chlorine and PTBBA. When mixed with water, United Unigrind Synthetic 2 gives a fluorescent green solution that is vital for good grinding. It is developed for a wide variety of materials including cast iron, mild and stainless steels and non-ferrous materials

APPLICATIONS / BENEFITS

- 3 - 5% dilution is suggested for general-purpose surface and cylindrical grinding.
- Suitable for a wide variety of metals, including cast iron, mild/stainless steel and nonferrous metals.
- Stable in water hardness between 50 and 350 ppm.
- Contains preservative to protect product from fungi.
- Best used for work pieces in transit between machining operations

TYPICAL CHARACTERISTICS

TEST DESCRIPTION	METHOD	TYPICAL RESULTS
Appearance		Amber Liquid
Specific Gravity		1.15
Total Alkalinity % wt KOH		20
Emulsion:		
Appearance		Fluorescent Green Solution
pH at 3%		9.5
IP 287 Corrosion Test %		2.5
Defoam ml (3% in 50 ppm water)		Nil
Refractometer Factor		2.2

Technical Data Sheet