



**United Oil**  
PERFORMANCE • VALUE • RELIABILITY

## UNIGRIND S 2

### Product Description:

UNIGRIND S 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, UNIGRIND S 2 combines a nitrite free composition with low foaming tendency and ability to remain clear and clean in the presence of tramp oil.

UNIGRIND S 2 is free from Nitrites, Phenols, Chlorine and PTBBA. When mixed with water, UNIGRIND S 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 Result
<b><u>Concentrate:</u></b>		
Appearance	ASTM D 4052	Fluorescent Green
Specific Gravity @ 15C		1.03
<b><u>Emulsion:</u></b>		
Appearance		Flourescent Green
pH @ 3%		9.3
IP 287 Corrosion Test %		2.5
Refractometer Factor		3.3

Product Data Sheet