

SOL PLUS 30

Product code: 265303201

Biostatic grinding fluid

This product is a synthetic coolant providing outstanding stability and oil free grinding fluid. The product is formulated from selected materials which do not support sump bacteria, which are the main cause of splitting in conventional soluble oil emulsions, smell problems and corrosion of components and machine tools.

It is a transparent fluid suitable for all types of grinding applications of iron, cast iron and steel and for less arduous machining operations. The fluid will not foam or split even under turbulent conditions and rejects tramp oil.

The swarf settling and excellent anti corrosion properties of the product ensure trouble free operation and increased fluid lifetime.

Benefits & Advantages

- Excellent swarf settling properties
- Does not support bacteria
- Economical in use
- Does not smoke or burn
- Rejects tramp oil
- No smell problems
- Exceptionally stable
- Ideal grinding fluid

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Typical Performance Data Neat product

Typical	Value
Appearance	Clear liquid
Colour	Transparent
Density @ 20 °C, gr/cm ³	1.09
Sodium nitrite content	Free
Mineral oil Content	Nil

Typical performance data - 5% emulsion (in tap water 20 HF)

Typical	Value
Appearance	Transparent light orange
pH	9.3
Corrosion Test IP-287	No corrosion
Corrosion Test IP-125 (Herbert)	0

All performance data on this Technical Data Sheet are indicative only and can vary during production.

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Mixing

The product is easy to mix, simply add to water and mix concentrate in the right dilution. It is recommended between 3 - 5% for grinding. For machining from 4 to 7%.

In service strength control

Dilutions can be easily checked by refractometer:

% Concentration = Direct refractometer reading x 1.8