

SOL NS

Product code: 265301501

Soluble coolant for grinding and general machining

This product is a new generation, water soluble neo-synthetic cutting fluid. It forms clear transparent emulsions with very low tendency to foam and high cooling properties. Also possesses very good resistance to hard water. Thanks to its formulation it ensures a great biological resistance which makes adding biocides unnecessary. The fluid does not have any negative effects on workers and will protect the machine from rust.

It is suitable for many machining operations and grinding on all grades of steel, cast iron, aluminium and copper.

Benefits & Advantages

- Transparent emulsion
- Excellent cooling and anti-corrosive properties
- Hard water resistance
- Environmentally friendly
- Does not contain boron, nitrite or chlorine
- No deposits on machine surfaces
- Good lubricating capacity
- Good EP characteristics

Typical Performance Data - Neat Product

Typical	Value
Appearance	Yellowish
Specific gravity @ 20 °C	1.05

Typical Performance Data – 5% emulsion (in tap water 10 °HF)

Typical	Value
Appearance	Transparent
pH	9.2
Corrosion test IP-287	No corrosion
Foam	Low

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

Mixing

The product is easy to mix, simply add to water and mix concentrate in the appropriate dilution. With water hardness up to 600 PPM and chloride up to 0,15 gr/lit it is recommended to use in concentrations between 5-8% for machining. For severe machining 7-12%, for grinding 4-6%.

Dilutions can be easily checked by Refractometer:
 % Concentration = Refractometer Reading x 1'5