

# SOL PLUS 220 T

Product code: 265303001

## Multi-metal semi-synthetic coolant

This product is a formaldehyde free semi-synthetic metalworking fluid. Due to the special formulation ensures a great biological resistance not being necessary to add biocides or fungicides. This is a product achieving long life and good lubricity due to its ester additives content. The product does not produce impact on operators and protects the machine from rust.

## Applications

It is suitable for a wide variety of machining operations on aluminium and all grades of steel, cast iron, copper and brass. The product is suitable for centralized systems and independent machines.

## Properties

- Does not contain boron, formaldehyde, nitrite or chlorine
- High anticorrosive properties
- Excellent service life
- Good cooling properties
- Does not form sticky deposits on machine surface
- Good detergency properties
- Healthy and environmental acceptable
- High lubricity

## Typical Performance Data Neat Product

Typical	Value
Appearance	Amber liquid
Density @ 20 °C, g/ml	1.01
Sodium Nitrite	Free
Chlorine content	Null

## 5% Emulsion (in tap water 150 ppm)

Typical	Value
Appearance	Milky translucent
pH	9.5
Corrosion test IP-287	No corrosion
Foam	Low
Stability	Good

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 pour the concentrate into water at the appropriate solution and mix. Hardness of water should be between 10 ppm and 600 ppm and chloride content not superior to 0.1 gr/lit. It is recommended to use between from 5 to 6% for general machining.

For severe machining and alloyed steels use from 7 to 9%.

Dilutions can be easily checked by Refractometer.  
% Concentration = Refractometer Reading x 1.5