

# SOL PLUS IN-BR

Product code: 265304401

This product is new technology high lubrication performance soluble metalworking fluid.

Due to the special formulation ensures a great biological resistance not being necessary to add biocides or fungicides. It is a biostatic product achieving long life and non-generating additional maintenance costs.

The product does not produce impact on operators and protects the machine from rust.

It is suitable for a wide variety of severe machining operations, like broaching, tapping, threading, reaming on all grades of steel, aluminium, cast iron, stainless steel, and alloy steels.

The product is suitable for centralized systems and standalone machines.

## Benefits & Advantages

- High anticorrosive properties
- Good cooling and EP properties.
- Excellent service life
- Environmentally acceptable
- Does not contain nitrite or chlorine
- Does not form sticky deposits on machine surface
- Economical in use.
- Higher tool life.
- Good detergency properties.

## Typical Performance Data - Neat Product

Typical	Value
Appearance	Amber liquid
Specific gravity @ 20 °C, gr/ml	0.96
Sodium Nitrite content	Free
Chlorine Content	Nil

## Typical performance data – 5% emulsion (in tap water 15 °HF)

Typical	Value
Appearance	Milky translucent liquid
pH	9.2
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 instructions

The product is easy to mix. Simply pour the concentrate into water at the appropriate solution and mix. Hardness of water should be between 100 ppm and 400 ppm and chloride content not superior to 0,1 gr/lit.

It is recommended to use between from 4 to 6% for general machining.  
For severe machining and alloyed steels use from 7 to 9%.

## IN SERVICE STRENGTH CONTROL

Dilutions can be easily checked by Refractometer.  
 $\% \text{ Concentration} = \text{Refractometer reading} \times 1$

**STORAGE:** Soluble oils are susceptible to frost damage. Store containers indoors to protect extremes of temperature