



## Sol Plus 92

### Extreme pressure soluble coolant

#### **Description**

Sol Plus 92 is a soluble metalworking extreme pressure fluid which forms very stable emulsions when mixed with water.

Due to the special formulation ensures a great biological resistance not being necessary to add biocides or fungicides.

Sol Plus 92 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.

#### **Applications**

Sol Plus 92 is suitable for a wide variety of severe machining operations on all grades of steel, cast iron, stainless steel, and alloy steels.

The product is suitable for centralized systems and independent machines.

#### **Benefits**

- High anticorrosive properties
- Good cooling
- Excellent service life
- Environmentally acceptable

- Does not contain nitrite or chlorine
- Does not form sticky deposits on machine surface
- Economical in use

#### **Mixing**

Sol Plus 92 is easy to mix. Simply pour the concentrate into water at the appropriate solution and mix. Hardness of water should be between 50 ppm and 400 ppm and chloride content not superior to 0,1 gr/l.

Sol Plus 92 is recommended to use between 4 to 6% depending on severity of application. For severe machining from 6 to 8%.

#### **In service strength control**

Dilutions can be easily checked by Refractometer.

% Concentration = Direct  
refractometer reading

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



## *Typical performance data-Neat product*

Appearance	Clear brown liquid
Specific Gravity @ 20°C, gr./cm <sup>3</sup>	0'96 ± 0'02
Sodium Nitrite	Free
Chlorine Content	Nil

## *Typical performance data-5% EMULSION (in tap water 150 ppm)*

Appearance	Amber translucent
pH	9'3 ± 0'2
Corrosion Test IP-287	No corrosion
Foam	Low
Stability	Good