SOL PLUS IN-2T

Product code: 265304301

This product is a high-performance coolant containing maximum levels of lubricity additives combined with other multi-functional components providing the biostatic characteristics.

It is suitable for all types of operations of aluminum and ferrous metals.

It can also be used in grinding when a high finishing on the surface is required.
The superior lubricity characteristic of the product ensure that excellent finish and tool life is achieved even on the arduous machining operations and materials. It is formulated to meet the exacting demands of modern production engineering techniques.

Although this product generally does not stain aluminum etc. we advise to use Matrix Sol Plus CV for critical applications concerning staining of Aluminum and Aerospace materials.

Benefits & Advantages

- Operator acceptability
- Ideal rationalization product
- Excellent service life
- Environmentally acceptable
- Does not contain nitrite or chlorine
- Does not form sticky deposits on machine surface
- Multi-metallic corrosion inhibition, i.e. Aluminum, Cast Iron, Steel, Titanium
- Economical in use
- Good finishing, for better finishing use Matrix Sol Plus CV

Typical Performance Data - Neat Product

Typical	Value
Appearance	Amber liquid
Specific gravity @ 20 ºC, gr/ml	0.98
Sodium Nitrite content	Free
Chlorine Content	Nil

Typical performance data – 5% emulsion (in tap water 15 ^{0}HF)

Typical	Value
Appearance	Slightly translucent liquid
pH	9.6
Corrosion Test IP-287	No corrosion
Aluminium Corrosion	No corrosion

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

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ISO 9001:2015 ISO 14001:2020 ISO 21469:2006
V 12.12.23

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Mixing instructions
The product is easy to mix. Simply pour the concentrate into water at the appropriate solution and mix. It is recommended between 5-7% depending on severity of application. For normal machining 4-6%. For aluminum reaming, broaching, and treading 6-10 %.
Recommended for water from 100 to 400 ppm and chloride below 0,1 gr/l.

Dilutions can be easily checked by refractometer:
% concentration = refractometer reading x 1.2

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