



## Matrix Sol Plus 56 SD

Grinding tools coolant

### Description

Matrix Sol Plus 56 SD is a synthetic metalworking fluid which forms transparent stable emulsions when mixed with water.

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

Matrix Sol Plus 56 SD does not emulsify tramp oils. The product has no negative impact on operators.

### Applications

Matrix Sol Plus 56 SD is suitable to achieve excellent finishing in machining

### Typical performance data – neat product

Appearance	Transparent Liquid
Specific gravity @ 20 °C, gr/ml	1.10
Sodium Nitrite content	Free
Chlorine Content	Nil

### Typical performance data – 4% emulsion (in tap water 5 °HF)

Appearance	Colorless Transparent
pH	9,3
Corrosion Test IP-287	No corrosion
Copper Corrosion	Nil

### Mixing instructions

Matrix Sol Plus 56 SD is easy to mix. Simply pour the concentrate into water at the appropriate solution and mix. Matrix Sol Plus 56 SD is recommended between 3-6% depending on severity of application. Recommended for water from 25 °HF and chloride below 0,1 gr/l.

Dilutions can be easily checked by refractometer:  
% concentration = refractometer reading x 1.7

operations and grinding on tools, dies and hard metal parts that contain tungsten carbide, copper, cobalt, etc.

The product is suitable for centralized systems and independent machines

### Benefits

- Economical in use
- Does not smoke or burn
- Multi-metallic inhibitor, i.e. Copper, Cobalt, Steel.
- Rejects tramp oil
- No smell problems
- Exceptionally stable

All performance data on this Technical I

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