



## Matrix Sol Plus 334

### Description

Matrix Sol Plus 334 is a high performance water soluble coolant containing high levels of lubricating additives combined with other multifunctional components that provides biostatic characteristics.

Matrix Sol Plus 334 is a product without nitrosating agents, secondary amines, heavy metals and chlorine compounds. It forms milky emulsions, with low foam and high cooling and anticorrosive properties.

### Applications

Matrix Sol Plus 334 is suitable for all kind of operations with steel, cast iron and aluminum alloys. The product is suitable for a wide variety of machining operations:

turning, milling, tapping, boring and threading.

It can also be used in grinding operations when a good finishing is required.

For all type of CNC, transfer and metalworking machines.

### Benefits

- Operator acceptability
- Ideal rationalization product
- Excellent service life
- Environmentally acceptable
- Does not contain nitrite or chlorine
- Does not form sticky deposits on machine surface
- Economical in use

### Typical performance data – neat product

Appearance	Amber liquid
Specific gravity @ 20 °C, gr/ml	0,97
Chlorine content	Nil

### Typical performance data – 5% emulsion (in tap water 150 ppm)

Appearance	Milky translucent
pH	9,2
Corrosion rest	No corrosion
Aluminium corrosion	No
Foam	Low

### Mixing instructions

Matrix Sol Plus 334 is easy to mix. Simply pour the concentrate into water at the appropriate solution and mix.

Matrix Sol Plus 334 is recommended between 4-7% depending on severity of application. For severe machining 7-10%. For grinding from 3 to 5 %.

Recommended for water from 100 to 600 ppm and chloride below 0,1 gr/l.

Dilutions can be easily checked by refractometer:

% concentration = refractometer reading x 1

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

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