



Matrix Sol Plus 214

Description

Matrix Sol Plus 214 is a semi-synthetic metalworking fluid which forms very stable micro emulsions when mixed with water.

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

Applications

Matrix Sol Plus 214 is suitable for a wide variety of machining operations and grinding on all grades of steel, cast iron and some types of aluminum and bronze.

Typical performance data – neat product

Appearance	Amber liquid
Specific gravity @ 20 °C, gr/ml	1.02
Sodium Nitrite content	Free

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

Appearance	Amber translucent
pH	9,5
Corrosion Test IP-287	No corrosion
Stability	Good
Foam	Low

Mixing instructions

Matrix Sol Plus 214 is easy to mix. Simply pour the concentrate into water at the appropriate solution and mix.

Matrix Sol Plus 214 is recommended between 5-7% depending on severity of application. For severe machining 7-10%. For grinding from 3 to 5 %.

Recommended for water from 100 to 500 ppm and chloride below 0,1 gr/l.

Dilutions can be easily checked by refractometer:

% concentration = refractometer reading x 2

All performance data on this Tec

Matrix Specialty Lubricants

The product is suitable for centralized systems and independent machines.

Benefits

- High anticorrosive properties
- Good cooling
- Excellent service life
- Environmentally acceptable
- Does not form sticky deposits on machine surface
- Economical in use