



Matrix Sol Plus 67 J

Biostable metalworking fluid for titanium and surgeon steel

Description

Matrix Sol Plus 67 J is a synthetic metalworking fluid which forms transparent stable emulsions when mixed with water. Matrix Sol Plus 67 J is suitable to achieve excellent finishing in machining 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. Due to the special formulation ensures a great biological resistance not being necessary to add biocides or fungicides.

Benefits

- No impact on operator
- Economical in use
- Does not smoke or burn
- Multi-metallic inhibitor, i.e. copper, cobalt, steel
- Rejects tramp oil
- No smell problems
- Exceptionally stable

Typical performance data – neat product

Appearance	Transparent liquid
Specific gravity @ 20 °C, gr/cm ³	1,07
Sodium nitrite	Free
Chlorine content	Nil

Typical Performance Data – 4% emulsion (in tap water 10°HF)

Appearance	Colourless transparent
pH	9,3
Corrosion Test IP-287	No corrosion
Copper corrosion	Nil

Mixing

Matrix Sol Plus 67 J is easy to mix. Simply pour the concentrate into water at the appropriate solution and mix.

Hardness of water should be less than 40 °HF and chloride content not superior to 0,1 gr/lit. Matrix Sol Plus 67 J is recommended to use between 3 to 6% depending on severity of application.

Dilutions can be easily checked by Refractometer.

% Concentration =
 Refractometer reading x 1,7

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

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