

SOL MG

Product code: 265301301

Biostable metalworking fluid for steel and cast iron

This product is a water soluble metalworking fluid without nitrites, secondary amines and chlorine compounds. It forms milky emulsions, with low foam and high cooling and anticorrosive properties. It resists to micro-organism (bacteria and fungi), thus giving long fluid life free from odours.

Applications

It is suitable for all kind of operations with steel and cast iron.

It can be used also for some types of aluminium.

The product is suitable for a wide variety of machining operations, it can also be used in grinding operations when a good finishing is required.

For all type of CNC, transfer and metalworking machines.

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
- Economical in use

Typical Performance Data - Neat Product

Typical	Value
Appearance	Amber liquid
Specific gravity, gr/ml	0.97
Sodium nitrite	Free
Chlorine content	Nil

Typical Performance Data – 3% emulsion (in tap water 20°HF)

Typical	Value
Appearance	Milky translucent
pH	9.2
Corrosion test IP-287	No corrosion
Foam (5% in water 150 ppm)	Very low

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

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Mixing

The product is easy to mix. Simply pour the concentrate into water at the appropriate solution and mix. The product is recommended between 5-10% depending on severity of application. For grinding from 4 to 6 %. Recommended for water from 50 to 500 ppm and chloride below 0.1 gr/l.

Dilutions can be easily checked by Refractometer.

% Concentration = Refractometer Reading x 1