

SOL PLUS M

Product code: 265304501

Biostable metalworking fluid

This product is a high-performance water-soluble coolant containing high levels of lubricity additives combined with other multi-functional components that provides biostatic characteristics. It is a product without nitro sating agents, secondary amines, heavy metals and chlorine compounds. It forms milky emulsions, with low foam and high cooling and anticorrosive properties.

It is suitable for all kind of operations with steel, cast iron, aluminum, brass and copper. 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 & 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
- Multi-metal suitable

Typical Performance Data - Neat Product

Typical	Value
Appearance	Amber liquid
Specific Gravity @ 20 °C, gr/ml	0.97
Sodium nitrite	Free
Chlorine content	Nil

Typical Performance Data – 5% emulsion (in tap water 150ppm)

Typical	Value
Appearance	Milky translucent
pH	9.1
Corrosion test	No corrosion
Foam	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. It 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 600 ppm and chloride below 0,1 gr/l.

Dilutions can be easily checked by refractometer:

% concentration = refractometer reading x 1