

SOL 444

Product code: 265300201

Biostable metalworking fluid for steel and cast iron

This product is a soluble oil that forms milky emulsion with high anticorrosive properties. Thanks to the high oil content, protects elements and ways of the metalworking machines. The product has very good wetting properties because of its low surface tension and assures an excellent cooling on the tool edge.

Applications

It is suitable for most of metalworking operations and materials. Suitable for machining steel, iron, cast iron, aluminum and its alloys.

Benefits & Advantages

- Does not contain sodium nitrite
- Good swarf settling properties
- Economical in use
- Does not smoke or burn
- Good service life

Typical Performance Data - Neat Product

Typical	Value
Appearance	Oily amber liquid
Specific gravity, gr/ml	0.93
Odour	Sweet
Sodium nitrite	Free
Chlorine content	Nil

Typical Performance Data – 4% emulsion (in tap water 20 °HF)

Typical	Value
Appearance	White milky
pH	9.3
Corrosion test (IP-287)	No corrosion
Corrosion test (IP-125)	0
Foam	Low
Stability	Good

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

SOL 444

Product code: 265300201

Mixing

This product is easy to mix, simply add to water and mix concentrate in the appropriate dilution. It is recommended to use between 4% to 6%. If cast iron is machined use the product above 5 %.

Suitable for water hardness between 0-7 pH.

Concentration = Refractometer reading x 1