



CGM CIGIEMME S.p.A.

Controlli Non Distruttivi - Non Destructive Testing



Product Code
02098074

Ref. no.
1883

**Product Data
Sheet**

RUST INHIBITOR 1883

PRODUCT DESCRIPTION

Rust Inhibitor 1883 is an excellent water-miscible liquid product, used when an effective inhibition of the corrosive effect is required, without producing foam and without significantly altering the physical characteristics of the water itself.

COMPOSITION

Concentrated anti-rust liquid free of nitrites and mineral oils.

N.B.: Like all CGM products, Rust Inhibitor 1883 is tightly controlled to ensure batch uniformity, optimal process verification and control reliability.

SPECIFICATIONS

- Easy to use.
- Excellent corrosion inhibition.
- Suitable for ferrous and non-ferrous metals.
- Very low foam generation.
- Widely resistant to microbiotic contamination.

PACKAGING TYPE

- 10 L cans
- 200 L metal drums

APPLICABILITY

It is ideal for:

- Use in benches with magnetic particle suspension recirculation tanks.
- Use with aqueous suspensions.

INSTRUCTIONS FOR USE

TIP: always operate according to a procedure authorised by a 3rd level in Magnetic Particle Inspection.

- Dilute Rust Inhibitor 1883 in water as per procedure (a quantity between 1 and 3% is recommended).
- Remember that failure to comply with the dilution values may result in excessive foaming.



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PROPERTIES AND PRODUCT COMPARISON

	A43	A44	A38	1883
Shape and colour	Milky liquid	Opalescent liquid	Milky liquid	Amber-coloured transparent liquid
Odour	Odourless	Characteristic	Characteristic	Characteristic
Density at 20° EN ISO 12185	1.0 g/cm ³	1.0 g/cm ³	1.0 g/cm ³	1.0 g/cm ³
pH ISO 4316	7.5	9	6	9
Solubility	In water	In water	In water	In water

Typical values.

RECOMMENDATIONS FOR THE USER

NDT method	Magnetic Particles Inspection
Shelf life	3 years at a temperature between 5°C and 45°C
Usage temperature	From -5°C to +55°C
Dilution	1.0 – 3.0%
Magnetic Particles	K35-K40-K150-K755-K31/73
Preliminary cleaning	Velnet/Solnet

COMPLIANCE WITH STANDARDS

- AS 4792

HEALTH AND SAFETY

Read all health and safety information before using this product. This information can be found in the Safety Data Sheet, available on request.

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