echa
Results that count

MICROBMONITOR®
SIG NITRITE™

What is the test?

The test consists of a screw capped glass tube, half filled with a selective microbiological culture medium that indicates the presence of nitrite reducing microorganisms in an aqueous sample by changing colour from orange to pink and also by producing gas bubbles. Sample is added to the test bottle which is kept warm (or incubated) close to 30°C for up to seven days. Sig Nitrite tests are sold in boxes of ten tests.

What is the Sig Nitrite test used for?

The Sig Nitrite Test is used to detect the presence of nitrite reducing microorganisms, which degrade nitrite based corrosion inhibitors in cooling waters and closed water systems.

Who can use the test?

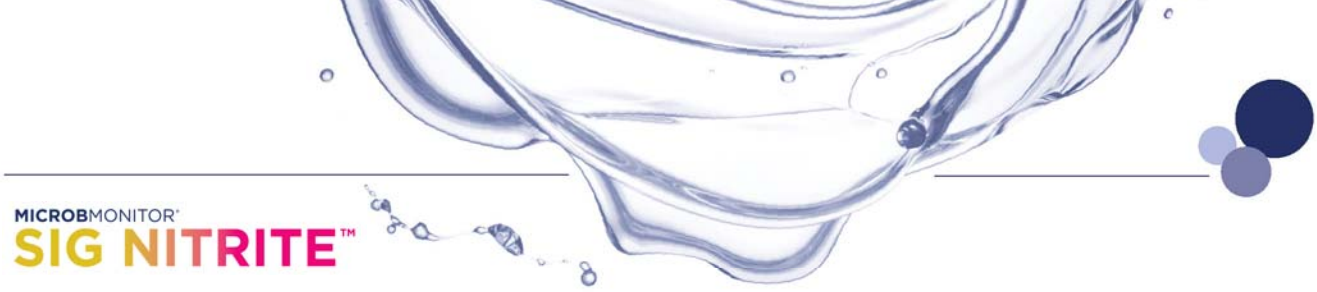
Full instructions are supplied and no special training is required to use the Sig Nitrite Test.

What samples can I test?

- Cooling waters
- Closed system water samples
- Metal working fluids
- Effluents
- Sewage
- Any water which contains a nitrite corrosion inhibitor

What are the tests advantages?

- Quick, easy and safe to use
- Heavy infection is detected overnight
- Simple to read results
- Results are semi quantitative and give an indication of the severity of an infection and the corrosion risk
- Cost effective method of monitoring for Nitrite Reducing Bacteria on-site



Background information

Nitrite is commonly used as a corrosion inhibitor in cooling waters, closed water heating systems and some metalworking fluids. Some microbes, which normally use atmospheric oxygen, have the ability to switch to nitrite as an oxygen source when fluids become stagnant.

The nitrite is reduced to ammonia or nitrogen gas and the fluid rapidly becomes corrosive.

The Sig Nitrite test has been designed to detect these microbes. Sig Nitrite tests can also be used to confirm that de-nitrification is taking place in effluents, sewage etc.

What about Support?

ECHA provides full technical support to all of its customers, and will never leave you with an unresolved issue. Whether its support with interpretation of results or advice on testing regimes, ECHA will always be on hand with the technical knowledge and operation know-how you need. If you require our assistance please call the number listed below.

For more information on how to order this product, please contact a member of our Sales Team using any of the details below. You can also find more information on our website.

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