



Sig Microbiology

Sig Sulphide Test

The Sig Sulphide test is used to detect the presence of micro-organisms that can generate corrosive sulphide e.g. Sulphate Reducing Bacteria (SRB). The test can be used to test samples of:

- Process Water
- Bilge Water
- Ballast Water
- Fuel Tank Bottom Water
- Metal Working Fluids
- Lubricants
- Environmental Waters

Metal surfaces which are prone to attack by SRB's can also be tested. A swab can be used to swab the surfaces or corrosion pits and the swab is then thrust into a Sig Sulphide tube.



Background

The Sig Sulphide test is used to detect the presence of microorganisms that can generate corrosive SULPHIDE e.g. Sulphide Reducing Bacteria (SRB).

The test consists of a screw capped glass tube half filled with a selective microbiological culture medium that is semi quantitatively indicates the presence of sulphide generating bacteria by the rate and extent of the development of black colour. The sample is added to the tube which is kept warm (incubated) for up to seven days; the results are examined regularly.

The test has been calibrated against the standard Test Method for SRB, NACE TMO-194-94 using American Petroleum Institute API Medium.

Key Features include:

- ✓ Quick, Easy & safe to use
- ✓ Heavy infection detected overnight
- ✓ Much faster than the standard laboratory test method TMO194-94
- ✓ Simple to read results
- ✓ Results are semi-quantitative and give an indication of the severity of an infection
- ✓ Economic alternative to the laboratory test for sulphide generating organisms
- ✓ No Special Training Required

ORDER CODE	DESCRIPTION	PACK SIZE
SIGS	Sig Sulphide Micro Tests ((10Pk)	10 Tests
SIGN	Sig Nitrite Tests (10Pk)	10 Tests