



# RX MARINE INTERNATIONAL

## Total Solution Total Protection

AN ISO CERTIFIED COMPANY



## NITRITE TEST KIT

### Part/Order no:

RXSOL-62-5507

### Applications and Industries:

Industrial process waters, boiler water, cooling waters.

### Chemistry:

Results are expressed in ppm (mg/L) sodium nitrite ( $\text{NaNO}_2$ ).

### Alias:

Cooling Water Test Kit , jcw test, Care treat 2 Diesel, Cool treat Al Test Kit, COOLING WATER TITRATE.

### Application:

The method is free from glycol interference in samples that contain up to 75% glycol, making it particularly applicable to systems that contain nitrite corrosion inhibitors. Results are expressed as ppm (mg/L)  $\text{NaNO}_2$ .



### PROCEDURE FOR TEST ( STEP WISE ):

- Measure 1 ml of SAMPLE WATER in graduated TEST TUBE / CYLINDER , with the help of syringe / pipette and diluted with Distilled Water up to 10 ml.
- Add 1-2 drops of RXSOL TK5 and mix with the stirring rod, to obtain ORANGE / light reddish color.
- Add RXSOL TK6 drop by drop, mixing with the stirring rod until for endpoint ORANGE to BLUE / GREENISH color just appears / develop.

Each DROPS is equivalent to 50 PPM of  $\text{NO}_2$ .

### CALCULATION:

50 X Number of DROPS of TK6.

### Note:

**Storage Requirements:** -Kits should be stored in the dark and at room temperature.

**Shelf Life:** - The nitrite Titrates kits have 2-year shelf lives.

**Accuracy:-** Due to the non-linear nature of the test scale, the accuracy of this test varies with the location of the test result on the scale. At twice the minimum concentration for a particular.