



## Determination of Nitrite

$\text{NaNO}_2$  (70 - 1400 mg/l)

- Decide about the range you want to test. As higher the range as less is the accuracy.  
**Range 70 - 700 mg/l:** Take 20 ml sample and fill up with 30 ml of deionised water.  
**Range 140 - 1400 mg/l:** Take 10 ml sample and fill up with 40 ml of deionised water.  
**Range 280 - 2800 mg/l:** Take 5 ml sample and fill up with 45 ml of deionised water.  
**Range 560 - 5600 mg/l:** Take 2,5 ml sample and fill up with 47,5 ml of deionised water.
- Add two tablets of Nitrite No. 1 with gentle mixing.
- Add one tablet Nitrite No. 2 with gentle mixing.
- Wait for 1 minute.

If the solution remains colourless, repeat step 3 - 4.

If the solution turns and **remains** pink, remember the amount of Nitrite No. 2 tablets used and read the result from the following table:

### Results

N° of Nitrite No.2 tablets	50 ml	50 ml	50 ml	50 ml
	2,5+47,5	5+45	10+40	20+30
1	560	280	140	70
2	1120	560	280	140
3	1680	840	420	210
4	2240	1120	560	280
5	2800	1400	700	350
6	3360	1680	840	420
7	3920	1960	980	490
8	4480	2240	1120	560
9	5040	2520	1260	630
10	5600	2800	1400	700

#### 200 - 1600 mg/l:

The product is undertreated for all engine types and should be added to correct the Nitrite level.

#### 1800 - 2200 mg/l:

Sufficient product for normal speed engines using water that contains up to 50 ppm Chloride!

#### 2400 - 2800 mg/l:

Sufficient product for normal/high speed engines using water that contains up to 50 ppm Chloride.

#### 3000 - 3400 mg/l:

product for high speed engines using water that contains up to 50 ppm Chloride!

*Note!*  
To obtain higher ranges,  
please dilute the sample!

#### SVZ1700

Kit contains:

- Black plastic carrying case
- 100 ml shaker tube SVZdev100
- Stirring rod SPstr1
- Cleaning brush SPclb1
- 50 tbl. Nitrite No. 1 TbsHNT150
- 50 tbl. Nitrite No. 2 TbsRNT250



Attention!  
Wear protective gloves and safety goggles when performing any tests using corrosive, harmful or irritant reagents. Do not ingest.