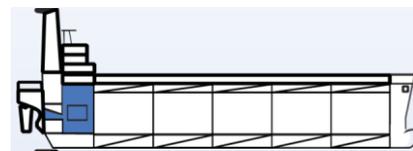


### TEST KITS

## ALPHAPAK 1 TEST KIT

COMPACT TEST KIT FOR ENGINE COOLING WATER QUALITY  
(Nitrite, Chloride, pH)



#### DESCRIPTION

**ALPHAPAK 1 TEST KIT** is the right solution for maintaining engine cooling water within the recommended limits. It is a compact test kit package for ensuring the optimum corrosion protection.

#### APPLICATION

Corrosion protection of the engine closed cooling system, via measuring the cooling water chemical parameters.

#### USE

**Nitrite Test (ppm NO<sub>2</sub>)** - Recommended range: 700-2400 ppm

1. Take a 10ml water sample with the syringe and put into the container provided.
2. Make the sample up to 50ml using distilled water.
3. Add two Nitrite No.1 tablets and shake to disintegrate (or crush with the rod provided). Sample will be white.
4. Add one Nitrite No.2 tablet and shake to disintegrate.
5. Continue adding the Nitrite No.2 tablets, one at a time, until a pink colour persists for at least one minute.

CALCULATION: Nitrite as NO<sub>2</sub> (ppm) = Number of No.2 tablets x 140

**Chloride Test (ppm Cl)** - Recommended limit: max. 50 ppm

1. Take a 50ml water sample in the container provided.
2. Add one chloride tablet and shake to disintegrate. Sample should turn yellow if chlorides are present.
3. Repeat tablet addition, one at a time until the yellow colour changes to orange/brown.

CALCULATION: Chloride as Cl (ppm) = (Number of tablets used x 20) – 20

**pH** - Recommended range: 8.3-10

Dip the test strip into the sample and be sure to have all colour bands immersed. Allow to soak for 15 seconds then remove and compare to the colour chart.

#### CONTENTS

- Instructions
- Chloride Test Tablets (bottle of 250 tablets)
- Nitrite No.1 Test Tablets (1 bottles bottle of 100 tablets)
- Nitrite No.2 Test Tablets (2 bottle of 250 tablets each)
- pH Test Papers 4.5-10.0 (packet of 100 pieces) or alternatively you may use pH Test Papers 0-14.0
- 100ml shaker tube
- 5ml Syringe & Stirring Rod

All above reagents and items can be separately ordered as spares.

- ✓ Helps with maintaining optimum corrosion protection
- ✓ Protects valuable equipment assets
- ✓ Simple to use
- ✓ Sturdy plastic case
- ✓ Test methods included

#### PROBLEMS SOLVED

- ✓ Engine closed cooling system corrosion
- ✓ Chemical properties of engine closed cooling system water

#### APPLICATION AREAS

- ✓ Engine closed cooling water

PRODUCT CODE: WT 345

*For detailed information on safety and health, please refer to Material Safety Data Sheet and/or Product Label.*

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