

TEST KITS



ALPHA DEHA TEST KIT

KIT FOR TESTING DISSOLVED OXYGEN LEVELS
WHEN USING DEHA-BASED OXYGEN SCAVENGER

DESCRIPTION

ALPHA DEHA TEST KIT is used for checking the levels of dissolved oxygen when using DEHA-based oxygen scavenger (ALPHA OX-BWT). **ALPHA DEHA TEST KIT** is specially developed for testing boiler, cooling and industrial process water. It makes use of both colorimetric and titrimetric techniques. Each test kit contains all the necessary chemicals and reagents in liquid form to conduct the tests. Step-by-step explanation detailed instructions are also included in the test.

APPLICATION

Determination of residual DEHA-based oxygen scavengers in boiler, cooling and industrial process water.

USE

Measuring Range: 0.00–0.30 ppm DEHA

Measurements should be taken on a fresh sample of condensate. It is of great importance to prevent the sample from reacting with atmospheric oxygen, so use a stoppered glass bottle. Cool water sample to 20–25°C.

1. Pour a 5 mL water sample into each of the measuring glasses using the plastic syringe. Place a measuring glass on position A in the comparator.

Only add the reagent to measuring glass B.

2. Add 4 drops of DEHA-1, seal the glass and mix.

3. Add 4 drops of DEHA-2, seal the glass and mix.

4. Wait 10 min. and open the glass.

5. Place it on position B in the comparator.

6. Slide the comparator until the colours match in the inspection hole on top. Check the measurement reading in the recess on the comparator reed. Mid-values can be estimated.

7. After use, rinse out both measuring glasses thoroughly and seal them.

8. The kit measures up to 0.30 ppm. If reddish colour exceeds this of the comparator, then your DEHA level is above limits.

CONTENTS

DEHA TEST KIT is sufficient for 125 tests and contains:

- Step-by-step instructions
- 30 mL DEHA-1
- 25 mL DEHA-2
- 1 slide comparator
- 1 colour chart
- 2 screw-plug measuring glasses
- 1 plastic syringe 5 mL

Replacements readily available.



- ✓ Helps with maintaining optimum corrosion protection
- ✓ Fast quantitative determination
- ✓ For testing boiler, cooling and industrial process water
- ✓ Protects valuable equipment assets
- ✓ Cost-effective - refill packs readily available
- ✓ Quick, easy and safe to use

PROBLEMS SOLVED

- ✓ Corrosion formation
- ✓ Residual DEHA levels in water

APPLICATION AREAS

- ✓ Boiler water
- ✓ Cooling water
- ✓ Industrial water

PRODUCT CODE: WT 350

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

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