

4. SHIPSAFE® Cooling and Boiler Water Test Kits

Engine cooling systems contain carefully blended additives that prevent scale deposits and corrosion of engine waterways. It is very important that the concentration of the additives is maintained at the correct level for optimum protection.

Every industry that operates boiler and cooling water systems – ranging from power plants, vessels or other industrial plants – needs to regularly test the water to analyze a number of parameters. This is imperative as it avoids corrosion and malfunction. CMT offers the ideal solution for all specific requirements.

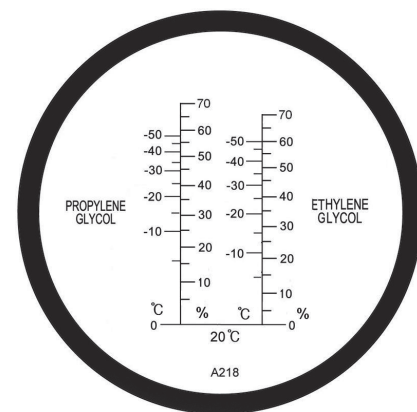
CMT is dedicated to providing our customers with the most convenient, reliable and secure systems for all analyses purposes. To specifically serve all industries that employ or deal with water testing.

CMT supply treatment test kits for engine cooling water and steam boiler water.

The kits are very simple to operate and will enable the ships engineer to monitor scale and corrosion inhibitor concentrations. Regular testing will allow rapid corrective action to take place helping you to maintain optimum operating conditions, minimise downtime and reduce energy costs.

Low and medium pressure steam boilers are treated with special corrosion and scale inhibitors.

It is vitally important to maintain precise levels of these additives to ensure correct and efficient steam generation. Failure to regularly maintain and monitor treatments will inevitable end in system failure and expensive corrective maintenance.



Ordering Information

WTK-CT-80015

Cooling Water Test Kit

Chloride	20 - 12000 ppm
Nitrite	10 - 2000 ppm
pH Test Strips	4,5 - 10 pH
No. of tests:	100

WTK-CT-80058

Marine Boiler Water Kit

Chloride	20 - 12000 ppm
P-Alkalinity	0 - 2400 ppm
pH Test Strips	7-14 pH
No. of tests:	100

WTK-CT-80059

Marine Boiler & Cooling Water Kit

Combines WTK-CT-80058 & -80015	
No. of tests:	100

WTK-CT-80065

CMT Total Hardness LR & HR Drop Test

Range:	(0-1200 ppm)
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WTK-CT-80064

Glyscorr Chloride Test

Range:	(50-300 ppm)
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WTK-CT-80017

Glycol Refractometer

Range:	0-70%
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WTK-BW-80026

BRIX Refractometer

Range:	0-10 BRIX
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WTK-CT-85013

pH Meter

Range:	pH: -2 - 16
	Temp: 0 - 90°C
Accuracy:	+/- 0.02 pH / 0.3°C
Test time:	< 1 min
Reagents:	non hazardous
Buffer Solution 4.0:	WTK-CT-85014
Buffer Solution 7.0:	WTK-CT-85015
Buffer Solution 10.0:	WTK-CT-85016



To measure Chloride in cooling water treated with the corrosion inhibitor Glyscorr G-93/94 the standard Chloride test, also from other suppliers, will not work. To specifically serve our customers using Glyscorr G-93/94 as additive, the new **Glyscorr Chloride Test Kit** has been developed.

To measure the level of Glycol in cooling water CMT also provides a **Glycol Refractometer**. The refractometer allows easy tests of the level for Propylene and Ethylene Glycol up to 70% securing a protection down to -50°C.

Your benefits:

- Optimise operating conditions
- Reduce energy costs
- Measure key boiler and cooling water inhibitors
- Simple step-by-step instructions



pH / Temp Meter

Conductivity / TDS Meter