Wilhelmsen Ships Service

Last updated: 04/06/2025 10:14:59

Cooling Water Lab Analysis

Product group: **111** Product number: **980003**

Global Lab Services (GLS) - WSS Cooling Water Lab Analysis offers accurate and reliable testing of cooling water chemistry to detect risks such as fouling, corrosion, microbiological growth, and scaling—ensuring optimal system performance and compliance with marine standards.

Areas of coverage include:

1. Singapore
2. Piraeus, Greece
3. Houston, USA
4. Livingston United Kingdom
5. Las Palmas, Spain
6. Sharjah, UAE
7. Shanghai, China

Product information

Test Parameters Overview WSS's Cooling Water Lab Analysis includes testing for the following key parameters:

pH
Conductivity
Copper
Iron
Calcium
Magnesium
Total Hardness
Silica
Zinc
Sulphate
Aluminium
Nitrate
Nitrite
Chloride

These parameters provide in-depth insights into the chemical stability and treatment effectiveness of your cooling water system. They help identify early signs of scaling, corrosion, contamination, or biological activity, all of which can compromise heat exchange efficiency and lead to operational disruptions.

By routinely analyzing these indicators, operators can make informed adjustments to treatment programs and adopt predictive maintenance practices to protect assets and improve long-term performance.

Features

- Covers 14 essential chemical parameters relevant to cooling water systems
- Each test is targeted to detect and diagnose specific operational or chemical concerns
- Results support data-driven monitoring and treatment optimization

Benefits

- Enables early detection of fouling, corrosion, and scaling risks
- Facilitates timely corrective actions to avoid system failures
- Enhances equipment longevity, energy efficiency, and overall system reliability

Related products

Is frequently bought together with

980002
Boiler Water Lab Analysis

980004
Potable Water Lab Analysis (Biological)

980005
Potable Water Lab Analysis (Biological & Chemical)

767164
WATER SAMPLE KIT