

ShipCare

Intertek

Valued Quality. Delivered.

Global Marine Industry Expertise

Damage Prevention Services,
Protecting Valuable Assets



www.intertek.com/marine

Global Marine Services Coverage:

Intertek ShipCare is a proven global marine services partner, providing ship owners and operators with value added technical services key to damage prevention and the operational excellence of their vessels and fleets.

For more than 125 years companies around the world have depended on Intertek to assist in ensuring the quality and safety of key aspects of their marine business. Our range of quality and quantity measurement services were further enhanced in 2005 following the acquisition of one of the world's leading marine fuel testing companies, Lintec Testing Services Ltd. Our aim is to provide Ship owners and managers with a comprehensive range of easily-accessible services, combined under our ShipCare initiative.

By participating in ShipCare's dedicated fuel and lubricant sampling and testing program the risk of damage to expensive ship engines and powertrains from off-specification fuels and ageing lubricants is mitigated, while the potential danger of regulatory non-compliance is reduced. Similarly our global bunker quantity survey service, to ensure correct fuel delivery, can reduce physical shortages, demurrages and protests, which potentially add to overall operational costs.



Confidence
through
expertise

Intertek ShipCare Services:

- [Marine Fuel Quality Testing](#)

Bunker fuel analysis is performed to ISO8217 specifications, helping clients comply with MARPOL Annex VI, the EU Sulphur Directive, Emission Control Area (ECA) requirements and other legal and quality standards.

Intertek ShipCare's Priority Advantage Desk (PAD) ensures the rapid expedition of samples to our laboratories, minimizing the time taken from bunkering to reporting those vital results and comments, which help protect clients' valuable assets. On receipt of samples in the ShipCare laboratories testing and reporting is complete within 24 hours.

Detailed analytical reports, with full engineering comments, inform vessels of the quality of the fuel received and in the event of any off-specification parameters, give recommendations for corrective treatment and fuel handling.

Monthly and quarterly reporting of global fuel statistics can assist client fuel purchasing decisions. ShipCare's constant monitoring of marine fuels, via data generated through our analytical services, enables identification of trends in bunker fuel quality both worldwide and by region. Where and when extreme fuel quality problems are identified we issue Bunker Alerts to our clients.

- [Marine Fuel Chemical Screening & Forensic Investigation](#)

Routine bunker fuel chemical screening can detect and identify many fuel contaminants and adulterants, protecting vessel machinery and client business interests.

High-tech forensic investigation of bunker fuels, utilizing techniques such as GCMS, FTIR, RSN and FIA, can uncover the cause of machine and system failures.

- [Bunker Quantity Surveys \(BQS\)](#)

Bunker fuel is often the largest contributor to the operational cost of a ship and it's critical the purchaser ensures the correct amount of fuel is received, or has sufficient information to substantiate their claim in the event of any dispute. As the physical transfer of fuel often takes place thousands of miles away from the contracting offices it is in the fuel buyer's interest to engage a surveyor for Quantity delivery and Quality sampling verification.

Intertek ShipCare's BQS services help protect buyers from fuel quantity delivery losses by measuring the bunker barge and the receiving vessel tanks before and after delivery. Bunker fuel measurement, sampling and testing, are conducted to accepted industry standards and accreditations, including ISO13739, SS600, ISO17020, ISO8217 and ISO17025.

Reported BQS results include a quantity delivered calculation based on density & water content testing. Detailed bunker survey and analytical fuel reports are provided, with operational photographs when requested and permitted.

Intertek ShipCare's network of laboratories and offices, covering close to 250 ports across 100 countries, allows us to offer ship owners and managers a comprehensive, independent global bunker quantity survey service.

- [Marine Lubricant Condition Monitoring \(OCM\)](#)

Regular scheduled lubricant analysis can identify mechanical problems before they impact on machinery, thereby helping to avoid costly failures and reduce unplanned downtime and repairs. Oil Condition Monitoring (OCM) is an important component to a vessel's maintenance program.

ShipCare's OCM program trends & tracks changes in engine lubricant quality, providing early warning of impending problems and helping protect expensive equipment from damage.

Reports include tribology and engineering interpretation of the lubricant test data and provide our clients with a comprehensive report on the condition of the lubricating oil and the operational health of their machinery.



Intertek ShipCare Services (continued):

- Water

Ship owners, operators, and managers are under increasing demands to check and monitor Ballast Water, Potable Water and Boiler Water. Intertek Shipcare's water analysis laboratory network is ready to provide water quality, trace analysis, and contamination testing to support client water management programs.

- Fire Foam Testing

Most international safety organizations require annual testing of fire foam concentrates. ShipCare provides fire fighting foam testing for marine-based low, medium and high expansion foam fire-fighting products.



- Other

Intertek provides technical field inspection services and materials and product testing and analysis on a global basis. With expertise in marine, oil & gas, chemicals, and many other industries, Intertek provides effective solutions to help clients meet and overcome a wide range of challenges.



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