

Liquid Bulk

+ Accomplished Intermodal Logistics



InterBulk Group provides full transport, storage & supply chain management solutions for safe delivery of bulk liquids

InterBulk Group is one of the leading international companies providing intermodal logistics services to the chemicals industry.



Innovative technology, world-class service levels and a commitment to the environment lie at the heart of InterBulk's offering to liquid bulk customers.

InterBulk Group has one of the world's largest fleets of tankcontainers and over the years, we have performed millions of container movements on behalf of the world's largest chemicals companies.

We continually streamline our processes and invest in talented people and the best technology.



People & Systems

InterBulk is one of the most established and most successful intermodal logistics companies in the world.

We look to exceed our customers' expectations and we employ dedicated customer service teams who understand each market sector and are highly trained to meet clients' needs, both in identifying opportunities for added efficiencies and in dealing with any problems that might arise.

InterBulk's global network of owned and agent managed offices means full strategic support is only a phone call away, while our **Track & Trace** technology allows automatic generation of daily status reports from anywhere in the world.

Key InterBulk assets that drive the effectiveness of our business include the quality of our people, from top management to logistical experts, to the drivers and storage staff who supervise the movement of bulk cargoes. Another is our bespoke IT systems.

Our IT systems work with electronic ordering and provide sophisticated report-back services in real time. They can even be linked to clients' own systems to enhance outputs, creating a seamless interface between customer and service provider.



Intermodality makes a major contribution to sustainable logistics solutions

Environmental Overview

InterBulk Group's dedication towards intermodality is considerable. We have invested in one of the world's largest intermodal fleets for a variety of bulk liquid materials.

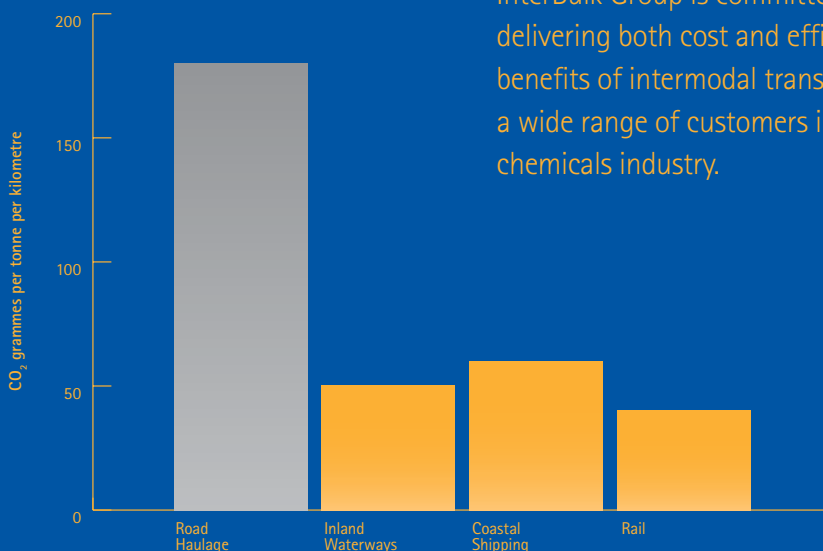
We provide our clients with the means to re-assess their carbon footprint by switching cargo to more economical and environmentally friendly modes of transport. By providing a greater platform for using rail and waterways, we remove the burden placed on congested roads, whilst reducing CO₂ emissions. Maximum payloads result in less overall transport, which is of further benefit to the environment.

InterBulk Group follows environmental and recycling codes for the protection of the environment. We use environmentally friendly processes throughout the logistics cycle, backed by ISO 14001.



Sustainable Transport Solutions

Intermodal transport offers reduced carbon emissions



McKinnon—Commission for Integrated Transport

InterBulk Group is committed to delivering both cost and efficiency benefits of intermodal transport to a wide range of customers in the chemicals industry.

Every one of our containers is equally at home on the back of skeletal trailers, on railway wagons or in the holds of ships or ferries, helping clients reduce their carbon footprint.

Integrity of hazardous liquid bulk cargo is a key benefit. Once loaded the cargo remains sealed, safe and secure until it reaches its destination. InterBulk's tankcontainer fleet offers complete security for hazardous and non-hazardous liquids.

InterBulk's expertise in logistics enables us to calculate and implement the best possible route, combining road, rail and sea legs, to achieve maximum economic and environmental advantage.

In addition to improved safety & quality, the use of tankcontainers offers distinct economic advantages

Tankcontainer Cost & Sustainable Benefits

Compared to road tankers, IBCs and drums, the benefits of tankcontainers are considerable.

Whether relating to payload efficiency, safety or cost, InterBulk Group's tankcontainer fleet delivers more.



Transport Economics

Intermodal flexibility brings greater choice of transport modes and allows the choice of the most appropriate combination of services to reach their destination in the most cost effective manner.

Up to 35,000 litres (1 tankcontainer) can be moved and stored at any time. The equivalent flow in drums would require manual handling of over one hundred drums.

Safety & Reliability

Tankcontainers are built to withstand extreme incidents. Each tank is rigorously tested and approved prior to entering service. Periodic testing is regularly performed and tanks are inspected regularly to ensure they are in good condition. Each tankcontainer is extremely robust. They have few moving parts and are constructed from stainless steel which prevents corrosion.

Rolling Stock

Storing materials in containers has proven to be both flexible and cost effective. Stock can be held close to customer locations for 'just in time' deliveries. This concept can be used to reduce investments in new assets or improve utilisation of existing assets.

Sustainable Solution

Achieve lower emissions and a reduced carbon footprint with sustainable intermodal logistics. Rail and sea logistics are less polluting modes compared to road with reduced wastage and spillages during transport or at transfer points.

Reduced Handling

Human contact and manual handling is limited, minimising the likelihood of accidents. Drums and IBCs require a greater degree of handling than Tankcontainers. The handling of drums is particularly time-consuming, which always equates to added cost.

Safety

InterBulk have successfully worked for the world's leading chemical companies for over 30 years.

Crucial to this achievement is the implementation of sophisticated safety procedures.

We operate a **Safety Improvement Plan (SIP)**, which sets out our vision and requirements for continuous improvement with people, equipment and procedures on all related **Quality, Health, Safety, Security & Environmental (QHSE)** issues.

InterBulk places the highest emphasis on safety and quality. We continually train our staff and provide them with the tools to surpass IMDG and ADR standards.

Whilst we are one of the world's longest established global tank operating companies for hazardous chemicals, our certifications are among the best in the business:

- + GMP (Good Manufacturing Practices) & ISO 14001
- + HACCP—ISO 22000 (Hazardous Assessment And Critical Control Points)
- + ISO/PAS 28000 (Intermodal Supply Chain Security) at all office locations
- + CDI (Chemical Distribution Institute) & MPC (Marine Pack Cargo) & CTPAT (Customs Trade Partners Against Terrorism)

For each new flow, we use standard tools to monitor the steps for developing the QHSE action plan.

A typical plan has the following steps:

- + Perform route risk analysis
- + Determine nature of product
- + Co-ordinate specific training of personnel
- + Study product—equipment compatibility
- + Carry out pre-trip inspections
- + Conduct driver training & product labelling
- + Conduct a load point/discharge point risk assessment
- + Audit cleaning station
- + Supervise cleaning
- + Repair & maintenance every 6 months

We utilise the expertise of our people, backed by state of the art equipment

Supply Chain Management & Terminal Operations

InterBulk Group is much more than just a logistics company. We provide a range of value added services at a number of container terminals either owned by InterBulk, or run on behalf of customers.

Customers can outsource logistics activities to InterBulk in order to increase efficiencies whilst improving their own customer service and concentrating on their core business. Fixed costs are made variable, thereby freeing up cash.

We assist our customers to react faster to end user requirements and specific customer demands. Customers also save money, time and effort by outsourcing.

Our supply chain management solutions improve and enhance:

- + Customer service
- + Logistics cost
- + Asset utilisation
- + Operational & admin processes
- + Working capital & inventory

Integrated Logistics & Outsourcing

InterBulk provides 'on-site' or value added services. We fill, store and discharge tankcontainers, and provide all administration of inbound or outbound logistics, including order management, container storage and warehousing.

We view our customers as partners for the long term. With our specialist knowledge in the optimisation of supply chains, we can take customers' raw materials, store them and deliver them to production processes when required.



Third Party Fleet Management

In today's marketplace more and more customers like to focus on their core competencies. One of the key aspects of InterBulk Group's business is the management of tankcontainers on behalf of our customers. By incorporating our customers' tankcontainers into our fleet we can assure the best possible utilisation of their assets.

This service has proven to be incredibly cost efficient. Customers benefit from our economies of scale, as well as our expertise in transport procurement, cleaning, maintenance and repairs.

The planning of the container journey is overseen by InterBulk and customers can access our IT systems to track the progress of their containers. We provide users of our fleet management services with peace of mind and maximum return on their assets.



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 made from 50% post-consumer fibre