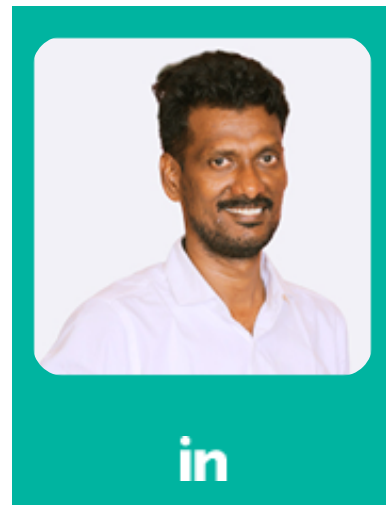


Founder Speaks

It is my pleasure to introduce the first Newsletter from Ocean & Brine! We have come a long way in our journey to provide spare parts for vessels.

I want to take this moment to reflect on our journey and offer our vision for the future. Our organization has always been founded on a deep respect for the oceans and its tremendous riches, as well as a steadfast commitment to sustainability, innovation, and quality.



Our success in 2024 reflects our team's passion and effort, our partners' trust, and the support of our communities. Together, we have created innovative solutions, reinforced our partnerships, and established Ocean & Brine as a rapidly growing force in the marine industry.

In 2025, we are ready to take on daring new initiatives. Our strategic focus is on innovation and sustainability, with initiatives in marine spare parts, and marine equipment. We take our duty as sea stewards seriously and are committed to be a driving force for positive change.



Top Selling Products

The top-selling products of January 2025 are

- Macgregor Deck Crane parts
- Mitsubishi SJ Purifiers
- Boll & Kirch Filters
- Alfa Laval Purifiers & Separators
- All Man B&W Engine spare parts



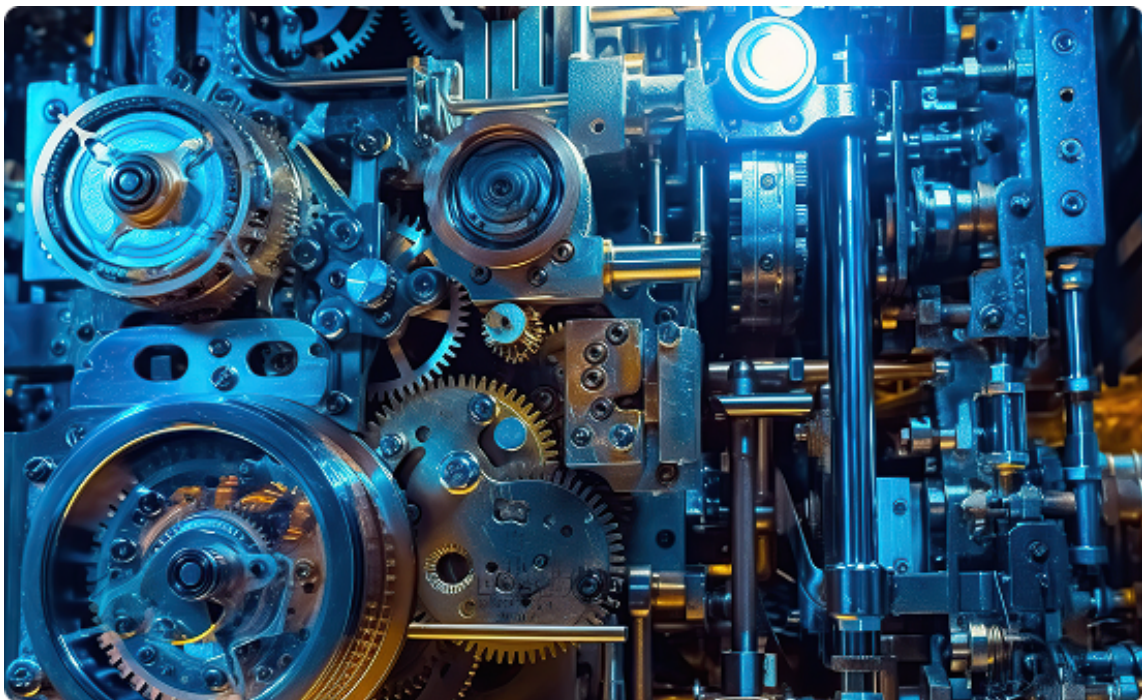
Feature of the Month: Hydraulic Applications

Marine hydraulic motors and pumps are two types of hydraulic applications used to power various systems and gears on maritime vehicles. Marine hydraulic solutions are part of your vessel's marine safety equipment.

The main contrast between hydraulic pumps and hydraulic motors is their functionality. Motors convert hydraulic energy into mechanical energy, whereas pumps convert mechanical energy into hydraulic energy.

Let us dive deeper into the two types of pumps:

Marine Hydraulic Pumps:



Gear pumps, piston pumps, and vane pumps are three types of hydraulic pumps that can be used in a wide range of marine supplies and equipment.

These hydraulic pumps generate the hydraulic fluid flow necessary to power hydraulic systems and activate motors, cylinders, and other components. They convert mechanical energy into hydraulic energy, which comes from engines or electric motors.

Hydraulic pumps are used in propulsion systems, winches, cranes, steering systems, anchor handling equipment, and other deck machinery on ships. They are also utilized in

hydraulic power units (HPUs) to provide additional power to hydraulic systems.

Marine Hydraulic Motors:



The three most common forms of maritime hydraulic motors are hydraulic piston motors, hydraulic gear motors, and hydraulic vane motors.

Hydraulic motors employ pressurized fluid to transform hydraulic energy into mechanical energy, which is then used to power a range of ship gear and equipment. Propulsion systems, winches, thrusters, and other maritime hydraulic equipment typically use these motors.

Hydraulic motors are critical components of propulsion systems, which employ them to power waterjets or propellers that push a vehicle forward or backward. They are also used in winches for mooring, towing, anchoring, and handling cargo.

Spare Part Maintenance Guides

We have collated a guide to maintaining hydraulic applications. Click on the link read and find more about hydraulic applications.



[Read Our Blog](#)

Upcoming Events



Ocean & Brine is participating in the Sea Asia tenth edition in Singapore from March 25th to 27th. Stay tuned to our social mentions and emails to find more on our booth number for the event.

The Sea Asia 2025 is an exhibition that is a proven international marketplace driving industry transformation through thought leadership, knowledge sharing, and networking.

Mark your calendar!



Sea Asia 2025

When: 25-27 March, 2025

Singapore

Visit www.sea-asia.com

Let's Work Together

Welcome to Ocean & Brine! We are a dedicated team of marine experts with decades of experience in the international marine supply industry. We have actively participated in numerous missions and voyages across the globe, delivering quality spare parts timely and supporting our customers with valuable technical and industry knowledge.

Contact Us Now

Our Products

Ocean and Brine

8 Pereira Road, 368026, Singapore