



Green Oil Technology

Complies.
Performs.
Protects.



Designed for the future

What if you could meet the present environmental regulations without compromising on performance?

This is possible by choosing the new Green Oil Technology from Emerson. A green alternative using tested and approved biodegradable oil in your Valve Remote Control system (VRC).

This technology is a remarkable step in the industry and a result of our continuous focus on finding customer value-added solutions.

Comes with complete Emerson service

We want you to get the most out of this new technology. Therefore we can offer you consultancy advice when you want to implement the technology.

We can take care of your start-up, enable fast and painless installation and are always ready to support when necessary.





Complies.

There is an increasing attention to protecting the marine environment around the world. Last year US Environmental Protection Agency introduced new tougher regulations for ships in the US waters.

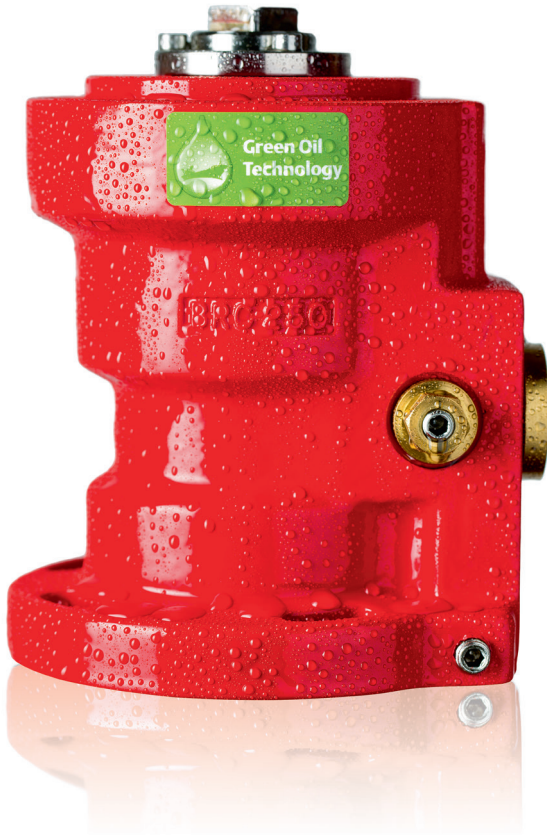
This will raise the demands on you to follow regulations, take proper action, monitor ship-shore discharges and document your usage of lubricants.

Choosing Green Oil Technology from Emerson, enables you to adhere to existing international safety and pollution legislation.

Certified security

Green Oil Technology from Emerson sets a high standard using green labelled and certified biodegradable oil. The technology is designed to fulfil the regulations from US Environmental Protection Agency.

In other words you protect the marine environment and fulfil the regulations when you choose our Green Oil Technology.



Performs.

Meeting regulations and standards is important but at the end of the day you need oil with a high performance in your Valve Remote Control system (VRC).

With Green Oil Technology from Emerson you can have both. You will get reliable performance with high-pressure characteristics and oxidation resistance also at high temperatures. At low temperatures the oil protects due to an extremely low pour point.

Use effectively with our entire VRC program

The entire VRC program from Emerson performs with our Green Oil Technology. The Damcos actuators give you unsurpassed quality and performance, which meet all the regulations of the marine industry.

A highly reliable VRC system that is tried-tested in the fleet around the world. The design is the most compact in the market and the system is fully adaptable to meet your needs. Last but not least it runs with minimal maintenance costs.



Scan QR code for more technical information!



Our VRC program is designed to lower your impact on the environment:

- LPUs (Local Power Units) are designed for low energy consumption and require a minimum of oil
- All our actuators and accessories can be disassembled into parts and recycled (98% recyclable)
- Our actuators have a long lifetime (30 years for BRC actuator series). If oil is kept clean and free of water, only a minimum of maintenance is required.
- Our design and manufacturing processes comply with ISO9001 quality standards and ISO14001 environmental code.

Protects.

No one can tell the future. But one thing is for sure: the environmental challenges will not decrease over time and there will be a strong focus on how we can protect the ecosystem. This will also affect the marine industry.

This is a chance to lead the competition in your industry and improve your green ship profile by seriously protecting the oceans.

When you choose Green Oil Technology from Emerson you will have a minimal environmental impact. Due to the fact that the

biodegradable oil is based on 100% saturated synthetic ester, the spillage oil will decompose without affecting the environment. In addition your service and maintenance costs are minimised so your investment is also protected due to a long lifetime of the biodegradable oil.

The green alternative from Emerson

- Is biodegradable
- Is not bio-accumulative
- Is minimally-toxic
- Does not show visual sheen on water surface





The VGP 2013 (Vessel General Permit) from US Environmental Protection Agency states that all vessels navigating in US waters must if technically feasible use EALs (Environmental Acceptable Lubricants) in all oil-to-sea interfaces.

Expertise within Marine

Our expertise covers marine automation systems, valve remote control, cargo monitoring systems, ballast, fuel oil and service tank level gauging and draft measurement for all types of ships and offshore units. Our brands have served marine customers for more than 30 years and together represent the foremost thinking within marine.

What really sets us apart is our dedication to the marine sector and engineering excellence. This is reflected in all aspects of our offering, from design and production, through to application know-how and global after-sales support. When you partner with us, you can expect the best industry knowledge, global reach, financial stability and unsurpassed quality.

Visit us at: **www.emerson.com/Marine**

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