




Oily water on vessels is problematic and costly

Bilge water is a by-product of the normal operation of a ship, it can contain a mixture of water, oil, fuel, and other contaminants. Bilge water commonly contains oil of high concentration, requiring treatment to meet strict limits to discharge into the ocean. Current oily water separator (OWS) might not be able to handle large amount of oily water; as a result, ship operators face high costs to store bilge water on board vessels and dispose of on shore.



Pain Points for Ship Operators

	Older or aging ships often have OWS systems that do not reliably achieve required discharge limits.
	This leads to serious compliance issues; furthermore untreated bilge water has to be stored and brought to the harbour.
	Keeping bilge water on board and disposing at the harbour is inefficient and costly.



SUPEROF – Plug & Play filter solution with patented CFA – EcoWorth Tech’s simple solution for a complex issue



Compliance

Highly effective CFA filter, helps meet discharge standard (15 ppm)



Savings

Treated bilge water can be released into the ocean vs. disposed of on shore




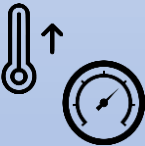


Plug & Play

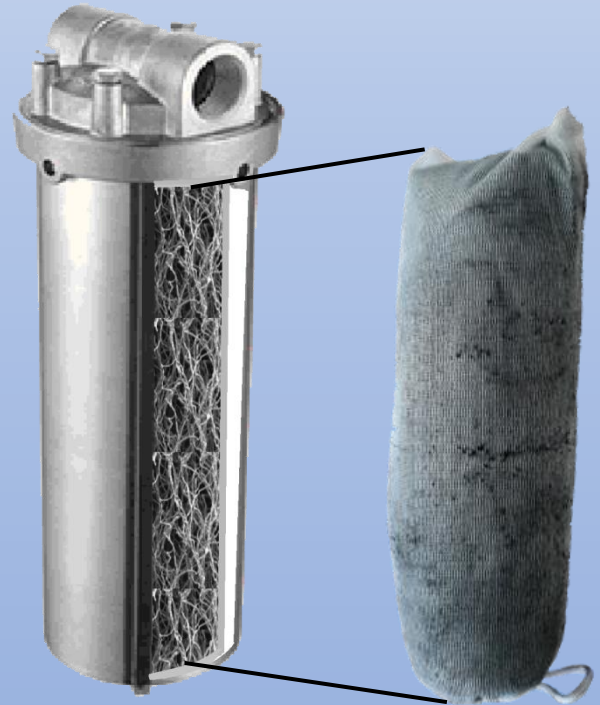
Easy to install and maintain, CFA filter media exchangeable within 2 minutes

Proven filter solution containing proprietary Carbon Fibre Aerogel (CFA)

CFA is a novel super-absorbent sponge material capable of efficiently removing oil contaminants from liquids through absorption. Derived from a natural waste biomass and having high absorption efficiency, CFA is a superior and more sustainable alternative to reliably remove oil from water.

SUPEROF features

	<p>Highly Effective Filtration Capacity 99% reduction in oil concentration</p>
	<p>Temperature and Pressure Resistant Withstands high temperature and pressure</p>
	<p>Waste-to-Worth Waste biomass utilization and upcycling opportunities</p>
	<p>Contributes to ESG goals Environmentally-friendly</p>



Replaceable media in the filter



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TO KNOW WHAT WE CAN DO FOR YOU!