

Sir David Attenborough Research Ship

Keeping the engine on the world's most advanced polar research ship running smoothly



**SCOPE**

Engine management for a large ship

- **WHO**
Sir David Attenborough
- **WHAT**
Oil Filters
- **HOW**
Pleated fuel filter element and housing
- **WHERE**
Holyhead, Wales
- **WHEN**
February 2021

Infamously known across the globe for the failed effort to name her Boaty McBoatface, the Sir David Attenborough is in fact the world's most advanced polar research vessel. She commenced sea trials in 2020 and is currently in port for servicing prior to departing for Antarctica.



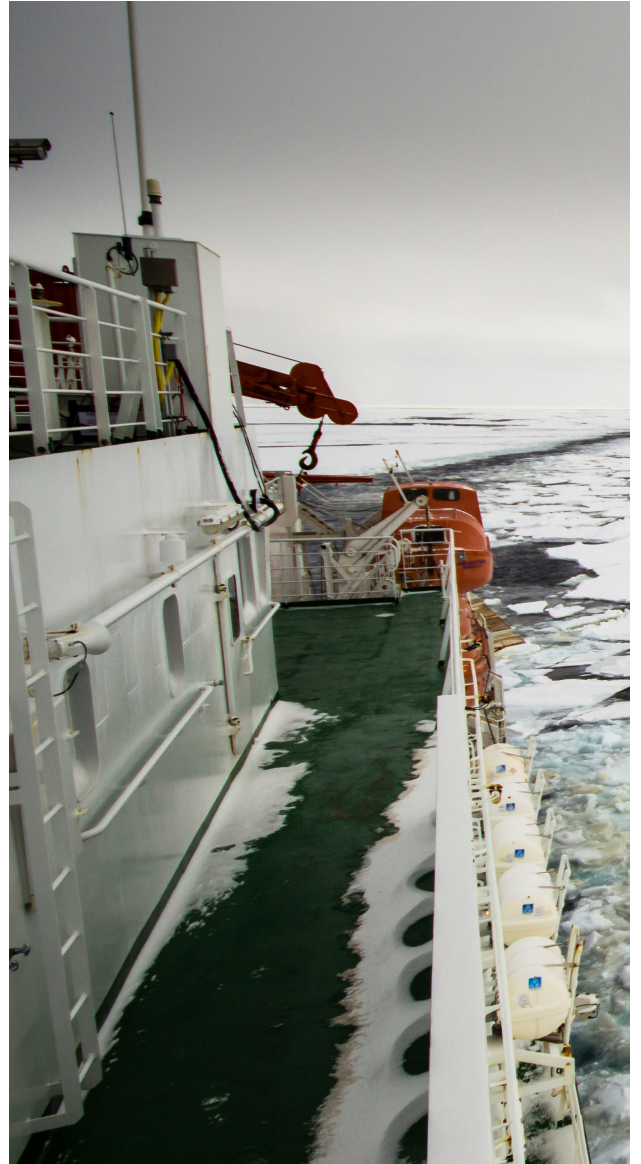
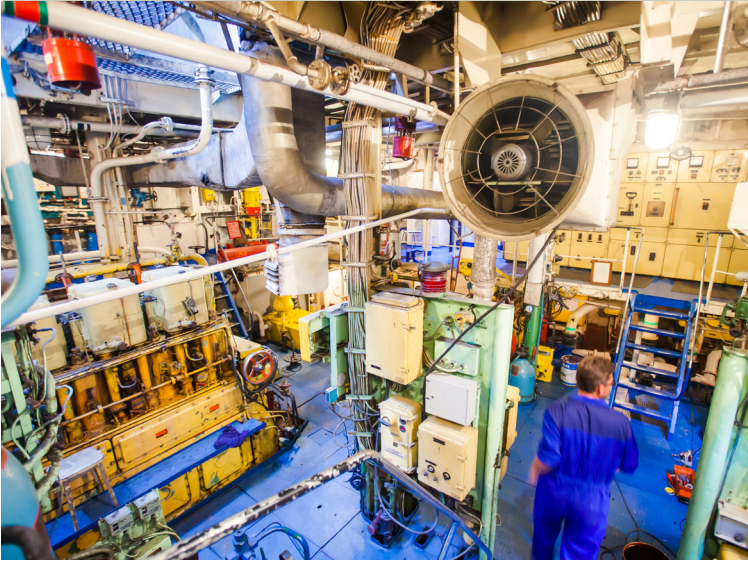
Maintaining the engine of a world class ship

With such an important role to play in understanding the science of climate change. Designed to work in the world's harshest environments, engineers have been reviewing the ship before the planned first voyage to the Antarctic later in 2021.

Oil filters are an essential component of any engine, including world class ships. Watts oil filters are reusable and are designed to remove all impurities or contaminating bodies from the engine oil. Even minute quantities of hard substances that get into the oil stream can cause wear and tear on the internal engine parts that can shorten the lifespan of the machinery. Unfiltered, larger particles can have serious consequences on the engine's operation and performance which could result in unexpected breakdowns and large repair bills.

The oil filters installed in this project will see the Sir David Attenborough through its time in the Antarctic.

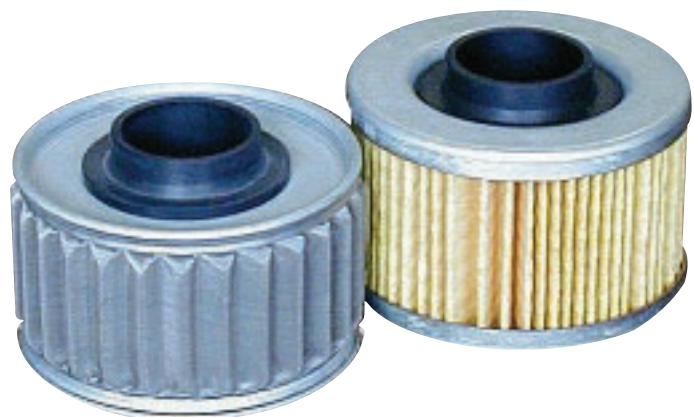
James Turner, National Key Account Manager for Watts explains: "Oil filters are a small but vital part on a technologically advanced ship like the Sir David Attenborough. We worked closely with the ship's maintenance team to ensure that these key components were delivered on time for their strict schedule. This meant that the work was completed in time for the ship to leave port as planned for its Antarctic research expedition."



Images are for illustration purposes only

Product Range Benefits

Manufactured in Italy, our filter range includes those with magnetic particle arresters, constant or thermostatically controlled heating elements, self-cleaning filter elements, and drain valves.





Watts

At Watts we have one of the widest product ranges in the industry and our products improve comfort, safety and the quality of life for people around the world.

Our range encompasses several well-known brands that form a key part of our product offer. Our experienced team can supply everything you need for your project whether it's plumbing or flow control solutions, water quality and conditioning or HVAC you'll find a Watts product that meets your needs with full support available across the entire product range.

For more information about Powerseat® or any of our gas safety products, please call 01480 407074 or email us on wattsuk@wattswater.com

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