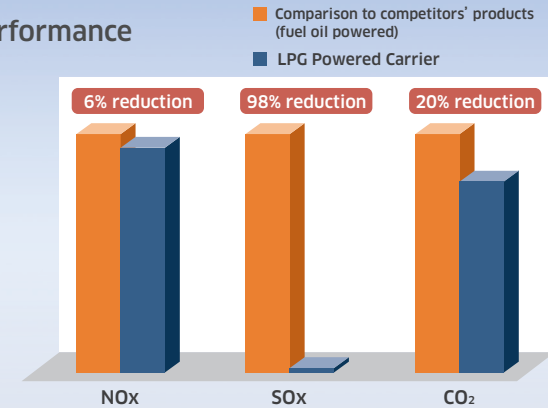


# LPG Powered Large LPG Carrier

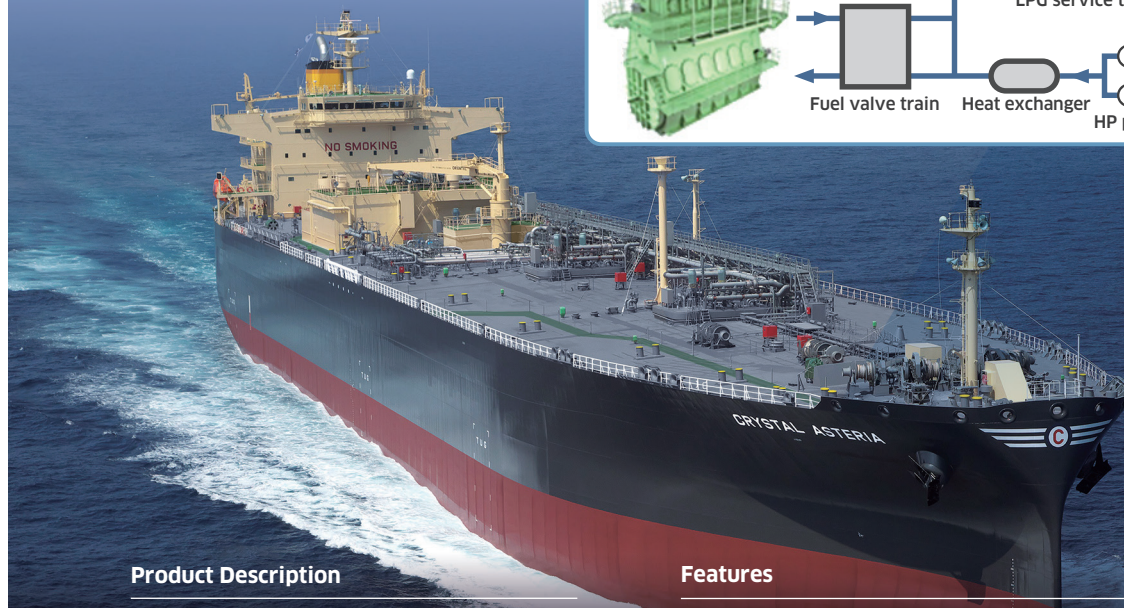
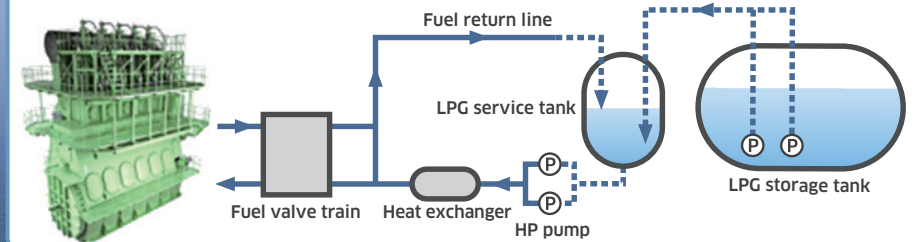
## Realizing world-class environmental performance with a propulsion system fueled by LPG

We achieved an LPG fueled propulsion system by developing a fuel circulating system that controls the fuel's flow, pressure, and temperature to ensure a stable supply of LPG fuel.

Through the switch to LPG fuel and improvements to the hull form, we have reduced emissions of NOx, SOx, and CO<sub>2</sub> by approximately 6%, 98%, and 20%, respectively, compared to competitors' products.



### Propulsion System Flow Diagram



Initial registration: 2018

### Product Description

A large LPG carrier that achieves significant reduction in environmental impact by using LPG as its main fuel through adoption of the ME-LGIP dual-fuel slow-speed diesel engine that can switch between LPG and fuel oil.

### Features

- Equipped with LPG-fueled propulsion system powered by clean LPG fuel
- Propulsion and environmental performance superior to LPG carriers built by competitors through hull form improvements, installation of various energy saving devices, and adoption of newly developed engine
- Increased cargo capacity from 82,200 m<sup>3</sup> to 84,000 m<sup>3</sup> without changing overall length or breadth from conventional ships