

# LNG-Fueled Pure Car and Truck Carriers



**2021**

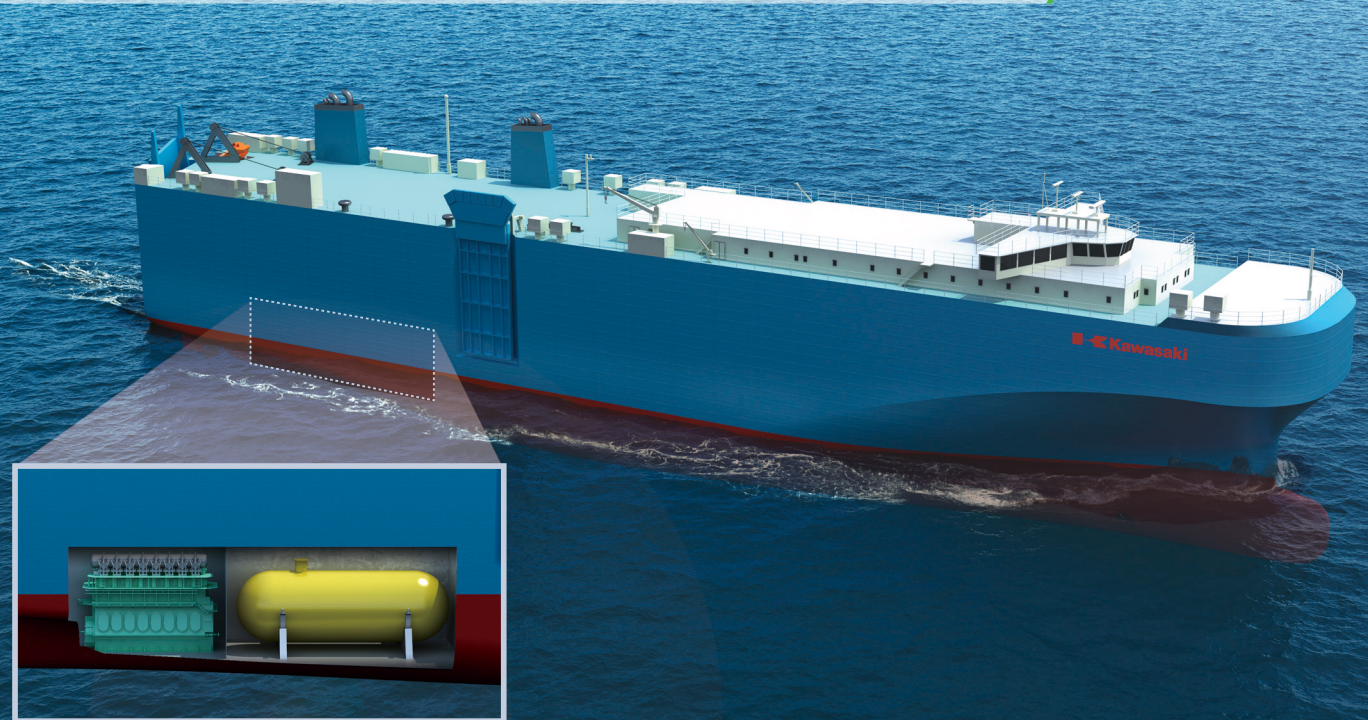
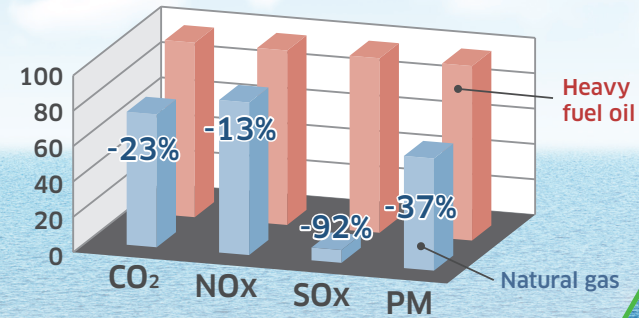
**Kawasaki  
Ecological Frontiers  
S class**

Initial registration: 2015

Kawasaki Heavy Industries, Ltd.

Pure car and truck carriers achieving dramatic reduction in CO<sub>2</sub>, NO<sub>x</sub> and SO<sub>x</sub> with natural gas-fueled main engine and power generator

The ME-GI engine cuts emissions of CO<sub>2</sub> by 23%, NO<sub>x</sub> by 13%, SO<sub>x</sub> by 92% and particulate matter by 37%. Boil-off gas is fully utilized through newly developed fuel gas supply system.



## Product Description

A 3,800-vehicle pure car and truck carrier equipped with dual-fuel 2-stroke diesel engine (ME-GI), dual-fuel diesel generator (DFD) and dual-fuel auxiliary boiler—a world first for a pure car and truck carrier.

## Features

- ME-GI engine cuts emissions of CO<sub>2</sub> by 23%, NO<sub>x</sub> by 13%, SO<sub>x</sub> by 92% and particulate matter by 37%, compared with conventional oil-fired main engines
- Optimizes propulsion performance at low speeds and cuts propulsion power at low speeds by about 3%
- LNG fuel system that effectively utilizes boil-off gas, reducing overall weight of system, including tanks, by about 15%