

December 19, 2024

Kawasaki Kisen Kaisha, Ltd.

“K” LINE's Operated Vessel to Receive Supply of Marine Biofuel for the First Time in Japan

Kawasaki Kisen Kaisha, Ltd. (“K” LINE) is pleased to announce that on Monday, December 9, marine biofuel was supplied to VIKING OCEAN, a car carrier it operates, at Yokohama Daikoku C-4 Terminal, a finished-vehicle terminal operated by the “K” LINE Group. This is the first time that “K” Line has supplied biofuel to its operated vessels in Japan. The owner of the vessel is Norwegian based Gram Car Carriers, a long-term partner of “K” LINE.

Marine biofuel has the potential to become an environmentally friendly alternative fuel. and the FAME (Fatty Acid Methyl Ester) component of the marine biofuel will be able to reduce CO2 emissions by about 84% in the well-to-wake (from fuel generation to consumption) process without changing current engine specifications.

This marine biofuel contains 24% of FAME blended with very low sulfur fuel oil (VLSFO) and is expected to reduce the emissions from the voyage of the VIKING OCEAN by approx. 190 tons of CO2.

The marine biofuel is made from renewable organic resources, such as biomass which don't utilize as foodstuff and feed crop.

In “K” LINE Environmental Vision 2050 -Blue Seas for the Future- *1, “K” LINE has set the 2030 interim target of improving CO2 emissions efficiency by 50% compared with 2008, surpassing the IMO target of a 40% improvement. Furthermore, it sets its new target for 2050 as “The Challenge of Achieving Net-Zero GHG Emissions.” In the action plan for this vision, “K” LINE will continue working to introduce alternative fuels that will enable it to reduce its environmental impact, as it works to achieve the targets above.

*1 “K” LINE Environmental Vision 2050: Blue Seas for the Future

As part of our action plan to reduce GHG, we are engaged in a number of initiatives, for instance introducing zero-emission fuels such as ammonia and hydrogen fuels, and carbon-neutral fuels such as bio-LNG and synthetic fuels.

<https://www.kline.co.jp/en/sustainability/environment/management.html>

[VIKING OCEAN being fueled with marine biofuel]

