



March 28, 2022

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NSU Conducted a Biofuel Trial on VLOC

NS United Kaiun Kaisha, Ltd. has conducted a trial use of biodiesel-blended marine fuel (Biofuel) on a Very Large Ore Carrier “NSU BRILLIANCE”, owned, operated, and managed by our group. In the trial voyage, the vessel was supplied with Biofuel by Toyota Tsusho Petroleum Pte. Ltd. at the port of Singapore, and the trial was conducted in March 2022 on the way to South Africa for loading iron ore, with the cooperation of Nippon Steel Corporation as the charterer.

The biodiesel used in the trial: FAME (Fatty acid methyl esters) is made from used cooking oil collected and refined in Malaysia, and is expected to reduce CO₂ emission throughout the lifecycle compared with conventional fossil fuels, since it recycles oil for disposal. The biodiesel is certified for its sustainability & traceability by International Sustainability & Carbon Certification (ISCC).

Among other alternative fuels, Biofuel is highly versatile low carbon fuel since it enables existing marine diesel engines and other existing bunkering facilities to be utilized without modifications.

By adopting multiple solutions including alternative fuels and eco-friendly technologies, we will continue to work on reduction of CO₂ emission in marine transportation in the supply chain, and contribute to develop a sustainable society.

◆ Vessel’s particulars

Name : NSU BRILLIANCE
Flag : Liberia
Built : December 2019
Deadweight : 249,989 MT
Summer draft: 18.026 M
LOA : 329.95 M
Beam : 57.00 M
Ship Builder : Namura Shipbuilding Co., Ltd.

