



September 21, 2023
NS United Kaiun Kaisha, Ltd.

NSU Conducted the Fourth Biofuel Trial

NS United Kaiun Kaisha, Ltd. conducted the fourth trial for use of biodiesel-blended marine fuel (biofuel) on a capesize bulk carrier, NSU NEWSTAR, owned, operated, and managed by our group. In March 2023, the vessel was supplied with biofuel by Oilchart International NV at the port of Rotterdam, and the trial was conducted on the way to the loading port.

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

Among other alternative fuels, biofuel is a 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 emissions to the supply chain, and contribute to develop a sustainable society.

◆ Vessel's particulars

Name : NSU NEWSTAR
Flag : PANAMA
Built : January 2014
Deadweight : 181,133 MT
LOA : 291.98 M
Beam : 45.00 M
Ship Builder : Imabari Shipbuilding Co., Ltd

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