



MOL Chemical Tankers' Niseko Galaxy (built 2020). Photo: MOL Chemical Tankers

## MOL and Trafigura bid to provide biofuel for chemical tankers globally

Japanese owner teams with trading giant for lower-carbon bunkering services

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By [Gary Dixon](#)  in [London](#)

Japanese shipowner Mitsui OSK Lines (MOL) is to work with trading giant Trafigura to set up a biofuel supply system for its chemical tankers worldwide.

The cooperation deal aims to establish bunkering services providing low-carbon biodiesel (BDF) for the fleet of MOL Chemical Tankers (MOLCT).

Trafigura will use the expertise of its bunkering venture with John Fredriksen's Frontline and Golden Ocean.

The two sides will carry out a joint study on "full-scale" supply of the sustainable fuel, they said.

As a part of this work, the companies have already conducted a sea trial using TFG Marine-supplied biodiesel on MOL's 25,200-dwt chemical tanker Niseko Galaxy (built 2020).

About 200 tonnes were bunkered in the Port of Rotterdam in the Netherlands in early March.

The sea trial was completed when the ship finished its journey to the US Gulf coast.

The biofuel required no engine modifications and is expected to achieve a reduction in CO<sub>2</sub> emissions of between 25% and 30%.

This is from a mix of 30% biodiesel and 70% conventional heavy fuel oil.

### Net-zero target

In June 2021, MOL announced a target of achieving net-zero greenhouse gas emissions by 2050.



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The group believes in biofuel as an effective alternative to fossil fuels.

"MOL and MOLCT are continually promoting the adoption of BDF in a proactive manner, contributing to GHG emissions reduction in the process of ocean transport," the Japanese owner said.

TFG Marine is already working with companies such as d'Amico International Shipping and Western Bulk to provide biofuels for tankers and bulkers.

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