

## D'Amico to use biofuel blend on LR1 tankers after trial success

*Trial on a long range one product tanker last year showed a 4.3% cut in CO2 emissions per tonne of fuel, says Italian owner*

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by Lloyd's List |

Drop-in blend of 30% biofuel to be deployed on d'Amico's five LR1 vessels



THE B30 BIOFUEL BLEND GAVE CARBON INTENSITY INDICATOR (A SCORE BASED ON GRAMS OF CO2 PER DEADWEIGHT TONNE MILE) OF 3.99, A 3.5% IMPROVEMENT VERSUS VERY LOW SULPHUR FUEL OIL.

PRODUCT tankers owner d'Amico Societa di Navigazione says it will use a drop-in blend of 30% biofuel on its long range one tankers after a trial showed it cut carbon emissions.

The B30 biofuel blend cut carbon dioxide emissions by 4.3% per tonne of fuel, giving a carbon intensity indicator (a score based on grams of CO2 per deadweight tonne mile) of 3.99, a 3.5% improvement compared with very low sulphur fuel oil, and stable nitrogen oxide emissions.

D'Amico said using the biofuel could be dropped in to existing engines to offer an immediate emissions cut.

It said the blends complied with the upcoming FuelEU Maritime regulation and the International Maritime Organization's short-term emissions measures.

"NOx emissions are not an issue; handling and management are easier. Our LR1 fleet is now ready and certified permanently to burn B30. Our outstanding team is ready to certify the entire fleet," said the company's deputy technical director Cesare d'Api.

The trial ran from June 19 to July 6 last year on the LR1 product tanker *Cielo di Rotterdam* (IMO: 9781279).

It included commodity trader Trafigura, class societies ABS, Rina and Lloyd's Register, the Liberian Registry, and engine maker MAN Energy Solutions.

The B30 biofuel is second-generation (made from non-food biomass) and supplied by TFG Marine, a joint venture of Trafigura and tanker owners Frontline and Golden Ocean, which is testing biofuels in sea trials and lab testing in the Amsterdam-Rotterdam-Antwerp region.

## **D'Amico to test emissions cuts from biofuel blends**

By Declan Bush

03 Jun 2021

Italian product tanker owner d'Amico will test lifecycle emissions cuts from biofuels on its ships Cielo Bianco and Cielo di Rotterdam

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