

NEWS RELEASE

April 1, 2022

To whom it may concern,

Mizuho Leasing Co., Ltd.

Initiatives for a Sale and Leaseback Deal for the World's First EV Tanker

We are pleased to announce that we have entered into a sale and leaseback agreement with Asahi Tanker Co., Ltd. (Head office: Chiyoda-ku, Tokyo; President & Chief Executive Officer: Kazunori Nakai) for the world's first zero-emission EV tanker "Asahi" (hereinafter referred to as the "tanker"), and that on March 30, 2022, we became the owner of the tanker and began leasing it (bareboat charter) to the company.

The tanker, which was planned by e5 Lab Inc. (Head office: Chiyoda-ku, Tokyo; President: Tomoaki Ichida) and built by Koa Sangyo Co., Ltd. (Head office: Marugame-city, Kagawa Prefecture; President: Tetsuo Masago), is a pure battery tanker powered by large-capacity lithium-ion batteries that was completed on March 30, 2022, and it will enter service in Tokyo Bay in April 2022 as a marine fuel supply ship.

(Completion of the tanker)



By fully electrifying the core energy system, the tanker will achieve zero emissions of CO₂, NO_x, SO_x, soot, etc., which will significantly reduce its environmental impact, and by reducing noise and vibration, the tanker will be more friendly to the crew's working environment and the environment around the port.

In addition, the tanker will also play a new role in contributing to business continuity planning (BCP) measures and regional life continuity planning (LCP) as a "large-capacity offshore battery for emergency power supply" in the event of a large-scale disaster by utilizing the electricity stored in the tanker's batteries (equivalent to approximately 100 standard electric vehicles) on land as an emergency power source.

The Mizuho Leasing Group has contributed to the development of the maritime transportation field, focusing on ship finance and leasing, but as the importance of responding to climate change and issues related to resources and energy continues to grow, we will further contribute to the realization of a decarbonized and sustainable society through our involvement in environmentally-friendly ships such as this one.

(Tanker specifications)

- (1) Dimensions: Length overall 62.00m/Moulded breadth 10.30m/Moulded depth 4.70m
- (2) Ship classification: ClassNK (Nippon Kaiji Kyokai)
- (3) Loaded cargo: Marine fuel (heavy oil)
- (4) Gross tonnage: 492 tons
- (5) Speed: Approx. 10 knots (18.52 km/h)
- (6) Tank capacity: 1,277 m³
- (7) Propulsion equipment: Kawasaki battery system manufactured by Kawasaki Heavy Industries, Ltd.

Azimuth thrusters 300kw x 2 units/Side thrusters 68kw x 2 units

- (8) Battery capacity: 3,480kwh

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