

Mixture of 40% RD + 60% Diesel Oil Changed to New Name "FINE DIESEL" **- Eliminating the Challenges of 100% RD and Easily Decarbonize Existing Vehicles -**

ITOCHU ENEX CO., LTD. (headquartered in Chiyoda-ku, Tokyo; Nobuyuki Tabata, President; hereinafter "ITOCHU ENEX") announced today that it has changed the name of its biofuel product "RD40"—a blend of conventional diesel with up to 40% Renewable Diesel (RD),^{*1} which has been marketed since late September 2024^{*2}—to "FINE DIESEL," effective February 16, 2026. To better promote FINE DIESEL, ITOCHU ENEX will build and expand supply chains related to blending and refueling, while strengthening the product brand. In doing so, it will seek to contribute to the realization of a decarbonized society while reducing CO₂ emissions.



その選択で地球の未来は変えられる

■ Thoughts Behind the New Name and Logo

(1) Origin of the Name

The name combines "FINE" (of excellent quality, refinement, and fine weather) and "DIESEL" to express the fact that it is a high-quality, environmentally friendly alternative to conventional diesel fuel.

(2) Logo Concept

The logo design incorporates the initials "F" and "D" from FINE and DIESEL, symbolizing the integration of RD and conventional diesel. The blue color, reminiscent of the earth, and the green color, indicating a sustainable future, represent the transition to clean energy.

(3) Tagline

"The choices can change the future of our planet."

The decision to choose FINE DIESEL will accelerate carbon neutrality and work together towards a better future for the Earth.

■ Value Delivered by FINE DIESEL

(1) Easy introduction with the same handling as diesel oil

FINE DIESEL is classified as "diesel oil" under Japan's local tax law. When fuel runs low, conventional diesel can still be refueled as usual. Moreover, unlike 100% RD, it does not require a transfer certificate^{*3} or administrative recordkeeping, and the system can be operated without special procedures.

(2) 40% reduction in reportable CO₂ emissions compared to diesel oil

Under the Act on Promotion of Global Warming Countermeasures and the Energy Conservation Act,^{*4} reporting of CO₂ emissions covers energy associated with the use of fossil fuels, and CO₂ emissions associated with the use of bio-based fuels are not subject to energy use calculations. Therefore, in FINE DIESEL, the 40% RD portion is not reportable and only the 60% diesel fuel portion is reportable.

CO₂ emission intensity is 1.57 kg-CO₂/L for FINE DIESEL and 2.62 kg-CO₂/L for diesel oil.

(3) Cost-effective, gradual decarbonization

Compared to 100% RD products, FINE DIESEL offers a more manageable cost structure and can be introduced in stages, in line with CO₂ reduction targets and budgets.

■ Future Outlook

Based on one of its Sustainability Policies, "Contributing to a carbon neutral society through our business," ITOCHU ENEX aims to realize a circular economy and a decarbonized society through the expansion of FINE DIESEL distribution.

*1 Renewable Diesel (RD):

RD is a bio-based fuel made from edible oil and waste animal/vegetable oil that does not compete with food. It is a carbon-neutral fuel that is not subject to energy use calculations for reporting under the Act on Promotion of Global Warming Countermeasures and the Energy Conservation Act, meaning it can reduce CO₂ emissions by virtually 100%. In addition, lifecycle assessment (LCA)-based CO₂ emissions can be reduced by up to 90% compared to fossil diesel.

*2 [ITOCHU ENEX Announces Beginning of Collaboration to Increase Distribution of RD40 Renewable Diesel Fuel | News 2024 | ITOCHU ENEX CO.,LTD.](#)

*3 Transfer Certificate

When using 100% RD in vehicles operated on public roads, carrying a Motor Vehicle Hydrocarbon Oil Transfer Certificate is mandatory.

*4 Act on Promotion of Global Warming Countermeasures

Energy Conservation Act (Act on the Rational Use of Energy and the Transition to Non-Fossil Energy Sources, etc.)

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