



# Meet CARB Commercial Harbor Craft regulation requirements with Neste MY Renewable Diesel™

Neste MY Renewable Diesel is a next-generation premium R99 fuel that meets CARB Commercial Harbor Craft (CHC) regulation requirements and other clean air regulations while delivering superior performance. Our fuel is made from renewable sources such as waste, animal fats and vegetable oils. It's a direct replacement for fossil diesel that reduces GHG emissions by up to 75%. As the first TOP TIER certified renewable diesel, it's a high performing way to switch to sustainable. Neste MY provides a renewable and sustainable solution for the most demanding operations, including commercial shipping companies, tugboat operators and ferry fleets operating in regulated waters and ecologically sensitive areas.

## Evolving an Industry

The purpose of CARB's CHC regulation is to reduce diesel particulate matter (PM), oxides of sulfur (SOx), oxides of nitrogen (NOx), and greenhouse gas (GHG) emissions to protect the environment and public health. The regulation, effective January 1, 2023, applies to on-water diesel fuels used in California harbors, ports, navigable waterways, marinas and marine navigation districts. CARB specifies that all diesel powered harbor craft must use renewable diesel exclusively, at concentrations of R99 or R100.

The choice is clear – Neste MY Renewable Diesel is the first R99 fuel to demonstrably meet all CARB requirements, including a flash point of 140°F or greater.

## Advantages of switching to Neste MY Renewable Diesel



### Meets CARB's CHC regulation

Drop-in R99 fuel significantly reduces harmful pollutants immediately.



### Renewable and sustainable

Produced from 100% sustainably sourced raw materials like food industry waste.



### Smaller carbon footprint

Reduction in exhaust emissions, plus lower GHG emissions by up to 75%.



### Outstanding Fuel performance

The first TOP TIER™ certified renewable diesel for its high quality and powerful performance.



### Excellent cold weather performance

Suitable for cold weather conditions, down to -4°F (-20°C) for Winter grade and 10°F (-12°C) for the summer grade.



### Cost-effective compared to other renewable alternatives

Neste MY Renewable Diesel is a high quality fuel, which lowers maintenance costs and reduces vessel downtime.



### Efficient combustion

With a high cetane number (70+), Neste MY ensures efficient and clean combustion.



### Pure hydrocarbon

The chemical composition of Neste MY Renewable Diesel makes it a direct, drop-in replacement for fossil diesel.



### Excellent storage properties

The fuel is stable and can be stored for a long time without losing quality or absorbing water.



### Easy to switch

100% compatible with all marine diesel engines – just refuel with Neste MY Renewable Diesel (R99) and go!



### Odorless

The fuel does not contain sulfur, oxygen or aromatics.

## The solution to improve local air quality

Scientific studies and real-world tests have shown that if you fill up with 100% Neste MY Renewable Diesel, in addition to a CO<sub>2</sub>e reduction of up to 75%, the following emissions\* are reduced up to:

- 33% lower levels of fine particulates
- 30% less hydrocarbons (HC)
- 24% lower carbon monoxide (CO) emissions
- 9% lower nitrogen oxides (NOx)
- reduced levels of polyaromatic hydrocarbons (PAH)

In order to achieve today's goals of eliminating fossil fuel, Neste MY Renewable Diesel offers a drop-in solution that all diesel vessels can use immediately.

*\*The emissions of the vehicles have been compared to conventional diesel. The results have been published in 40 scientific publications. Approved by leading manufacturers.*

## Approved by leading manufacturers

Neste MY Renewable Diesel meets ASTM D975 and EN 15490 specifications. Most marine engine manufacturers, such as MAN, Mercruiser, MTU, Rolls-Royce, Volvo, Caterpillar, plus many other international brands have approved the use of neat renewable diesel in their engines.

**NESTE MY**  
Renewable Diesel

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