

Lower emissions with Neste MY Renewable Diesel™

Neste MY Renewable Diesel™ is a fully renewable diesel fuel (HVO100) Neste has developed to reduce the climate impact of transport.

Renewable diesel fuel has several advantages over fossil diesel. Compared to fossil diesel, renewable diesel can achieve up to 90% reduction* in greenhouse gas emissions (CO₂ equivalent) over its life cycle.

Neste MY Renewable Diesel is a drop-in fuel. This enables easy and quick switching without conversion costs to either vehicles or fueling and storage infrastructure. It can be used neat (100%) or blended with fossil diesel. Just fuel and drive!

What is renewable diesel?

Neste MY Renewable Diesel is a high quality diesel made from renewable materials that do not release new carbon dioxide into the atmosphere. Neste's proprietary NEXBTL technology allows a wide range of fats, vegetable oils and waste products to be used as feedstocks, such as used cooking oils and cooking fats from the food industry and restaurants.

The result is a product that is significantly better for the environment than fossil diesel, while - thanks to its chemical composition - delivers at least the same performance, if not better, and can be used without modifications to the fleet or infrastructure.

Where can I buy Neste MY Renewable Diesel?

Neste has several distributors who offer flexible solutions for your company. You can find an overview of distributors and their stations selling Neste MY at www.neste.be/nestemy-en

Advantages of Neste MY Renewable Diesel compared to Fossil diesel



Renewable and sustainable

Neste MY Renewable Diesel is made from waste fats, residual fats and vegetable oils classified as hydrotreated vegetable oil (HVO).



Smaller carbon footprint

In addition to a significant reduction in tailpipe emissions, greenhouse gas emissions are also reduced by up to 90%*.



Easy switch

Fully compatible with existing fuel distribution infrastructure, no further investment required.



Excellent cold weather performance

Suitable for extremely cold weather conditions, down to -22°C.



No mixing limit

The fuel can be used neat (100% Neste MY Renewable Diesel) or in any ratio blended with fossil diesel.



Efficient combustion

With a high cetane number, Neste MY ensures an efficient and clean combustion.



Excellent storage properties

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



Potentially lower operating costs compared to other renewable alternatives

Neste MY Renewable Diesel is a high quality fuel which does not require any engine modifications or special maintenance procedures.



Pure hydrocarbon

The chemical composition of Neste MY Renewable Diesel is similar to ordinary fossil diesel.



Odorless

The fuel does not contain sulfur, oxygen nor aromatics.

The solution to improve local air quality

Scientific studies and road tests have shown that if you fill up with 100% Neste MY Renewable Diesel, in addition to a CO₂e reduction of up to 90%, the following emissions** are reduced up to:

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

Local emissions can be effectively reduced by electric or most modern engine technologies. Due to the high investments involved, these solutions may not be possible in the short term.

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

Approved by leading manufacturers

Neste MY Renewable Diesel meets the EN15940 paraffinic diesel fuel standard. Most heavy vehicle manufacturers, such as DAF, Volvo, Scania and Mercedes/Daimler, have approved the use of neat HVO in their engines. The same applies to passenger cars with diesel engines from BMW, Peugeot and Renault, among others. For more product information go to www.neste.be/nestemy-en

* The methodology for calculating life cycle emissions and emissions reduction complies with the European Union's Renewable Energy Directive II (2018/2001/EU).

** These average emission reductions are based on Neste MY Renewable Diesel and HVO fuels when 100% Neste MY Renewable Diesel is used as fuel in pre Euro VI vehicles or pre Stage IV-mobile equipment. The vehicle emissions have been compared with conventional sulphur-free diesel.