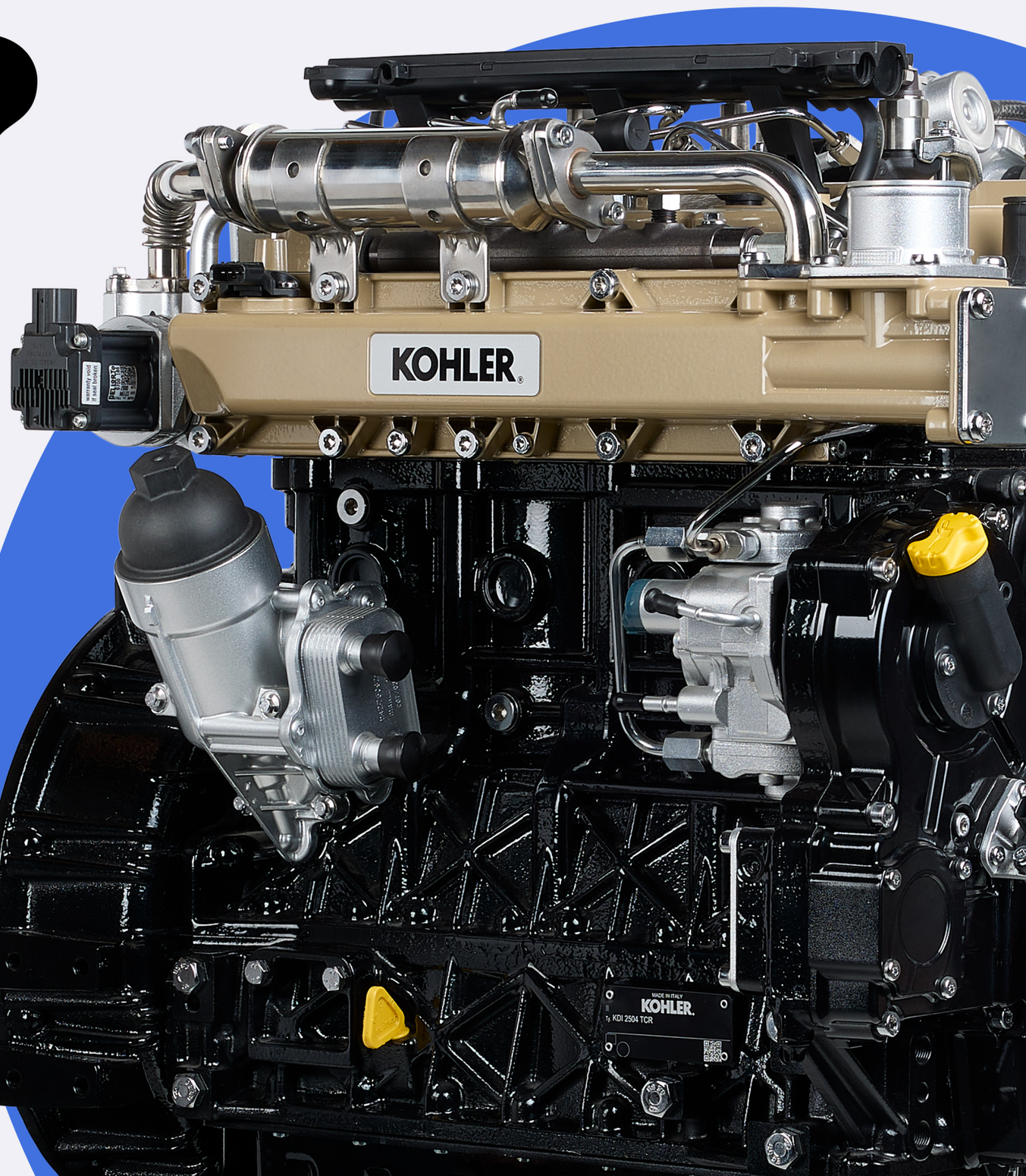
All of our Diesel Engines are HVO *renewable fuel* approved.

But what is HVO?



What is HVO Fuel?

HVO fuel, a type of **renewable diesel**, is produced from **vegetable oils or animal fats**. Unlike traditional biodiesel, HVO undergoes a hydrotreating process, which removes impurities and creates a **high-quality, stable fuel.**

This results in a product that is not only **cleaner but also superior in performance.**

As we strive for more sustainable and eco-friendly solutions, **HVO fuel stands out as a promising alternative in the engine world.**

The Environmental *Impact*

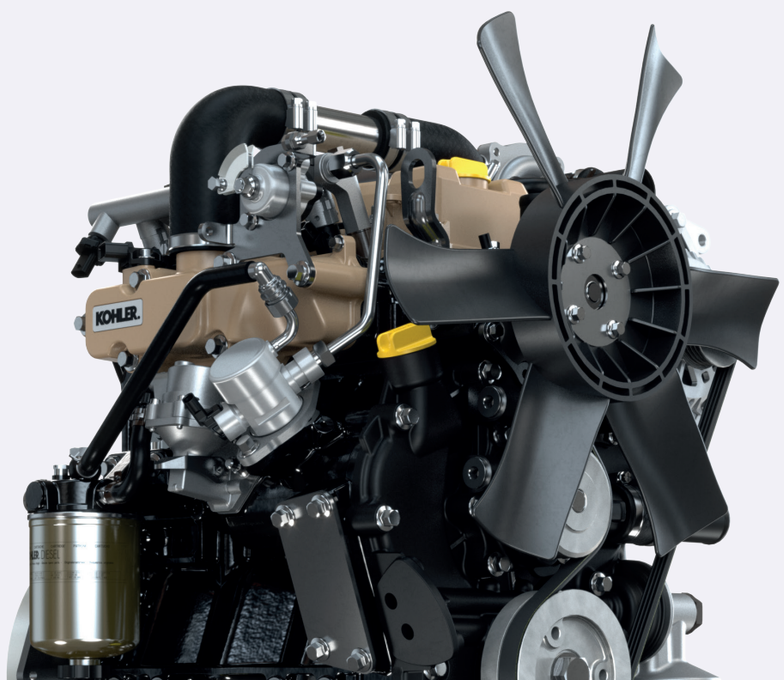
HVO offers several *advantages* compared to *traditional diesel:*

1 **Environmental Benefits:** HVO provides significant environmental benefits, including *reductions* in greenhouse *gas emissions* and *pollution*. HVO is derived from waste products, it is not only considered more sustainable than first-generation biofuels (which come from non-waste crops), but it is also *non-toxic* and *biodegradable*.

The Environmental *Impact*

2 **Engine Efficiency:** HVO can contribute to improved engine *cleanliness* and *efficiency*, as well as *better performance* in cold weather. It is virtually free of aromatics, metals, and sulfur content, and has a higher cetane value compared to traditional diesel.

3 **Sustainability:** HVO is a renewable diesel fuel that can be used in most diesel engines. Unlike traditional diesel fuels, HVO *burns cleaner* and *produces fewer emissions*.



Additionally, here are the *advantages of* **HVO** compared to other biofuels:

1. **Greater Stability:** Due to its characteristics, HVO can be used either blended with diesel or in its pure form. Additionally, thanks to its hydroprocessing treatment, HVO holds the potential for greater stability compared to unmodified oil.

2. **Improved Energy Efficiency:** HVO has a higher energy content, leading to better fuel economy.

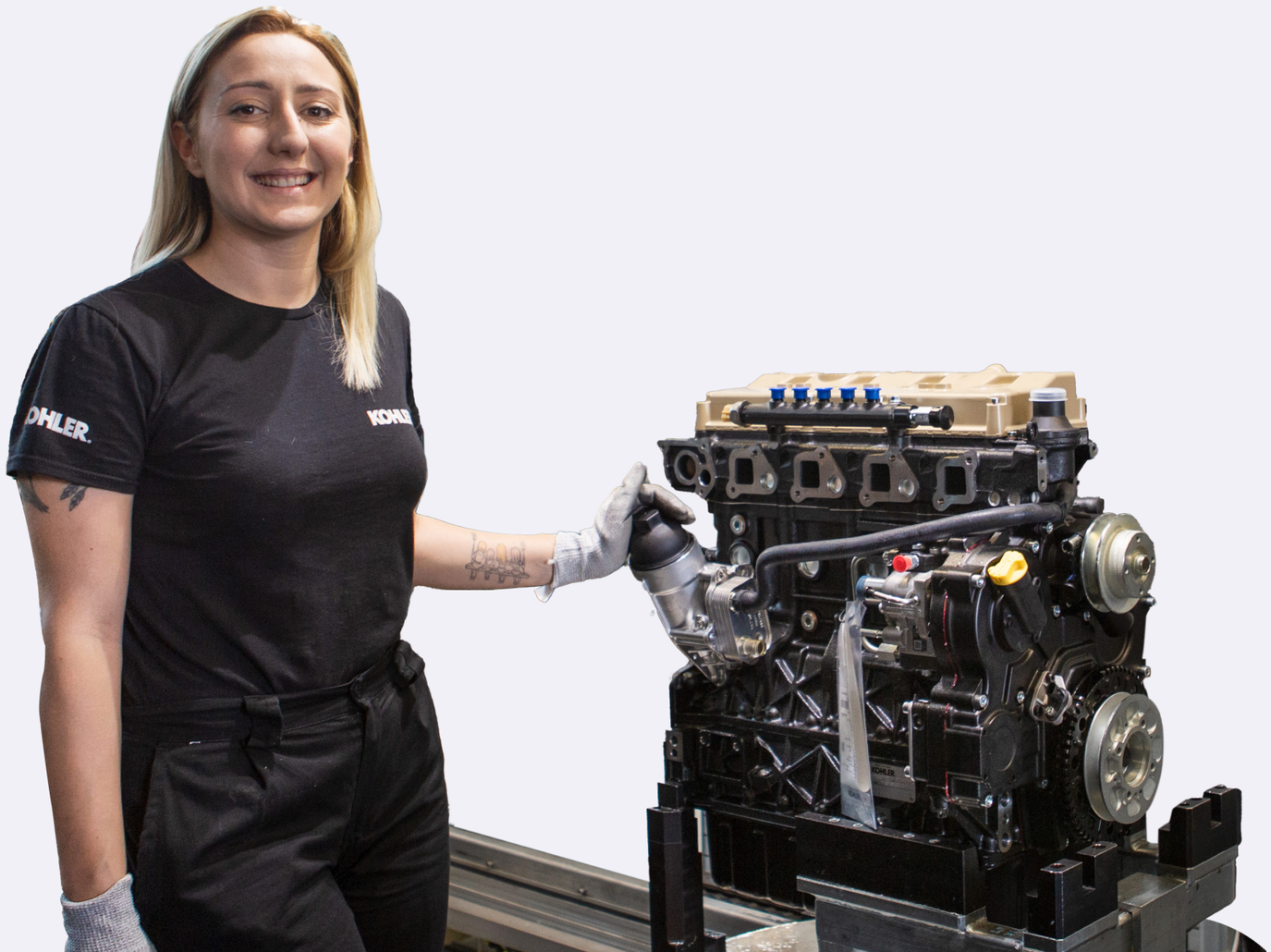
3. **Cold Performance:** HVO remains fluid at lower temperatures, making it suitable for cold climates.

KOHLER® | Engines

Additionally, here are the **advantages of HVO** compared to other biofuels:

4 **Storage Stability:** HVO is less prone to degradation over time, ensuring consistent quality.

5 **Environmental Benefits:** Similar to the previous points, HVO offers significant environmental benefits, including reductions in greenhouse gas emissions and pollution.
As it is derived from waste products, it is considered more sustainable.



HVO Fuel
in the *Engine World*

In the engine world, HVO fuel is gaining recognition for its **versatility and performance.** It can be used in diesel engines without any modifications, making it an easy switch for many businesses.

Furthermore, HVO fuel has **excellent cold properties and a high cetane number,** which leads to efficient combustion and good engine performance.

Our **HVO-Ready** *Engine Line*

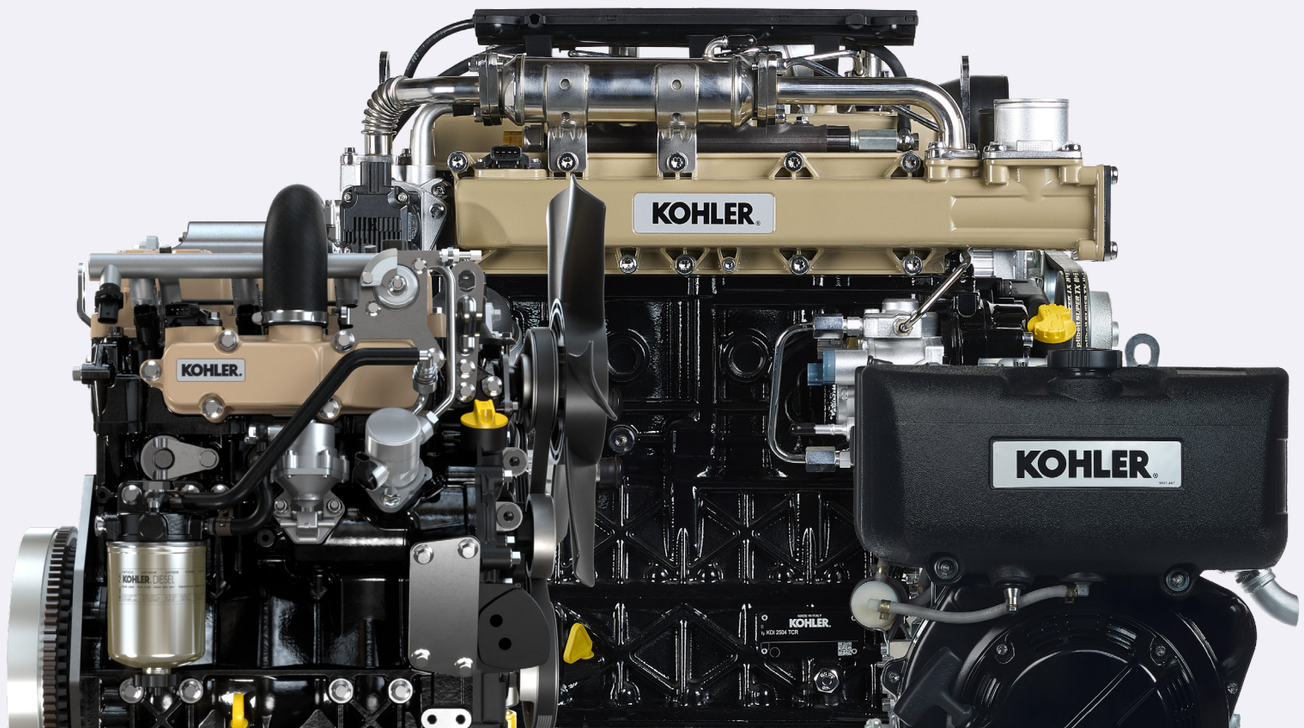
All Kohler diesel-fueled engines are approved to use HVO in Europe and in the United States, in line with EN15940 and ASTM D975 standard.

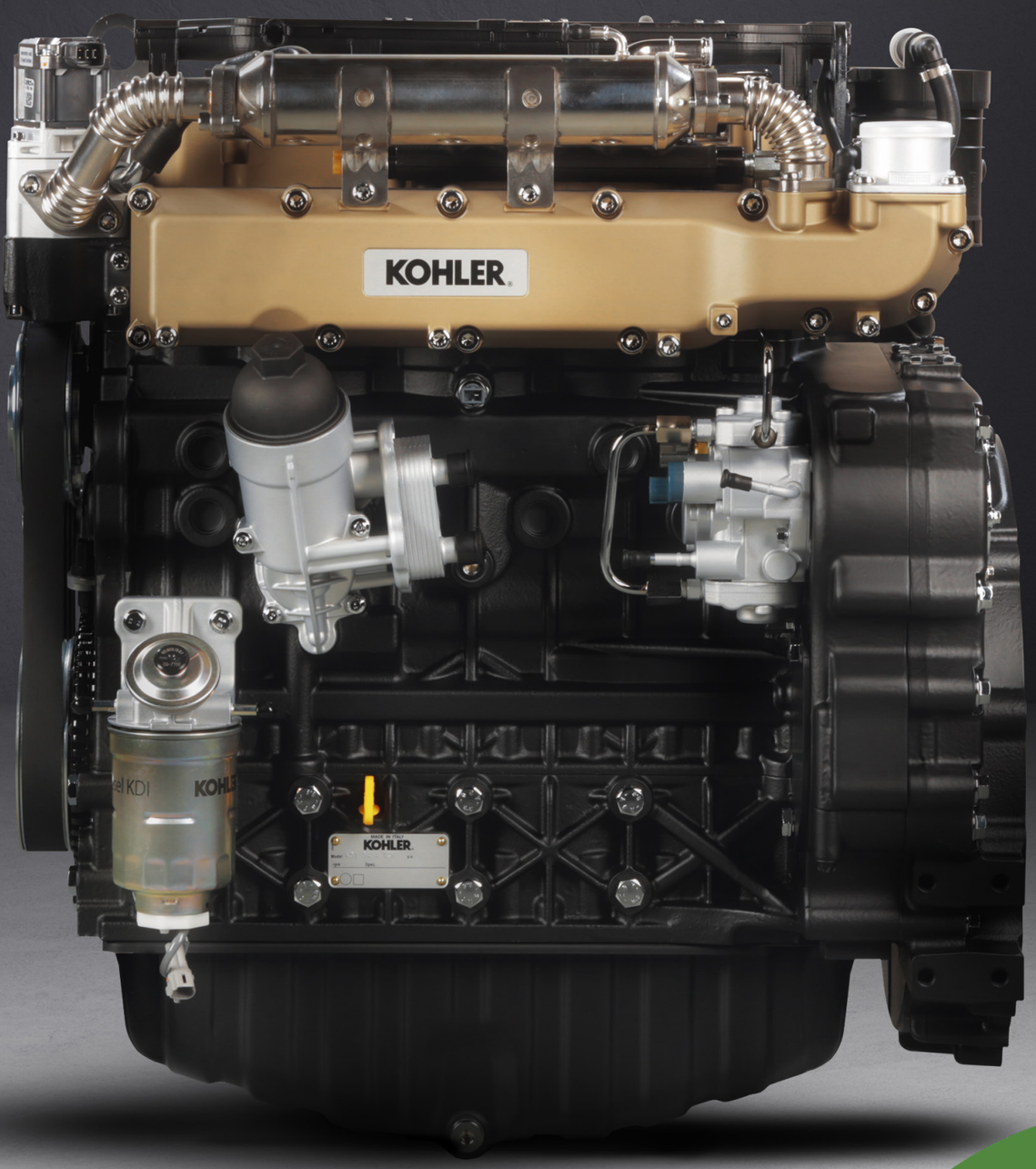
They offer the **same power, torque, and reliability** as traditional diesel engines, but with the added benefit of **reduced emissions** and environmental impact.

This is a testament to our commitment to **sustainability and innovation**. Among the new pillars of the strategy, **alternative fuels** are aimed at raising awareness of **low-carbon**, more **economical** and logistically **manageable fuels**.

The emphasis, as always, is on innovation and the use of technologies to guide the company toward the green transition, without losing sight of the different needs of OEMs, and keeping **engine performance high** thus **maximizing machine productivity.**

KOHLER® | Engines





APPROVED FOR
HVO
RENEWABLE FUEL

Discover more on our website

engines.kohlerenergy.com