

Why HVO?

What is HVO Fuel?

Hydrotreated Vegetable Oil (HVO) is a renewable, fossil-free fuel made from waste oils such as vegetable and used cooking oil. It's a clean alternative to diesel, with low sulfur and aromatic content. As a drop-in fuel, it works in any diesel generator without modifications, delivering the same performance while significantly reducing emissions.

How is HVO Fuel Made?

HVO is produced through hydrotreating, a process that removes impurities from waste oils, creating a stable, clean-burning fuel. It meets strict environmental standards and reduces carbon emissions, as the CO₂ released is offset by plant absorption through photosynthesis.



Reduces carbon monoxide emissions by up to 24%

Reduces NOx emissions by up to 25%

Reduces Carbon Dioxide (CO₂) emissions by up to 90%

Reduces particulate matter emissions by up to 42%



Cuts CO₂ by up to 90%, NOx by 25%, and particulates by 42%.



Works in diesel engines without modifications.



Resists bacterial growth, ideal for standby use.



Same power, less impact

At Templant, we encourage our customers to use HVO fuel as a cleaner, more sustainable alternative to diesel, reducing carbon emissions by up to 90%. This supports greener operations without requiring engine modifications while meeting the highest environmental standards.