HVO AND KOHLER®

YOUR RELIABLE AND RISK-FREE SOURCE OF SUSTAINABLE POWER

How can you reduce the carbon emissions from your mission-critical power systems by up to 90%? And how can you achieve this remarkable change in sustainability today?

The answer comes with adopting Hydrotreated Vegetable Oil (HVO). This next-generation renewable fuel can be mixed in engines with fossil diesel for a seamless switchover, with no adverse impact on performance.

The use of HVO provides the operators of KOHLER® generators with a flexible and dependable option to significantly reduce the carbon impact of their operations as customers embark on a long-term journey to zero emissions.

WHERE DOES HVO COME FROM?

HVO is made from waste products and residues such as vegetable oils, animal fats, and used cooking oils. It is 100% fossil-free and 100% recycled.

Since it is obtained from organic material from waste streams, HVO—unlike many first-generation biodiesels—does not contribute to deforestation.

WHAT ARE THE TECHNICAL CHARACTERISTICS OF HVO?

- HVO renewable diesel is a high-cetane fuel, which provides advantages including better cold start, better combustion, and lower emissions.
- HVO is very stable, with no bacterial growth, making it easier to handle and store than other fuels. It can be kept for up to ten years without any notable degradation.
- HVO is not prone to oxidation or water absorption, and it can perform in harsh conditions down to -32°C. With a minimum flashpoint of 61°C, it is safe to use in warmer climates.

WHAT ARE THE OPERATIONAL BENEFITS OF HVO?

The HVO production process ensures that the final product is similar in grade and quality to fossil diesel. Without modification or even impact on maintenance schedules, it can be used as a drop-in for existing infrastructure.

For applications such as mission-critical generators, HVO provides a cleaner and more sustainable alternative to fossil diesel, where its use is deemed applicable by the end user.

HVO can reduce net carbon emissions by up to 90% compared to fossil diesel, while also delivering a 10% reduction in NOx.

WHY SHOULD I CONSIDER USING HVO FOR MISSION-CRITICAL POWER?

The technical and performance characteristics of HVO mean it is becoming increasingly popular as a sustainable alternative to fossil diesel.

Investments in the global supply chain mean the fuel is becoming more readily available.

Kohler has approved its full range of advanced generators for use with HVO.

Kohler is committed to supporting customers looking to decarbonize their operations as part of a transition toward zero carbon in the fight against climate change.

LEARN MORE ABOUT KOHLER GENERATORS AND HVO AT **HVO.KOHLERPOWER.COM**

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