

Press release

Liebherr-Werk Nenzing GmbH converts to HVO fuel

Since August 2024, the Liebherr factory in Nenzing, Austria, has switched to HVO fuel for the machines it produces. The big advantage in using this instead of fossil diesel is that it is largely CO₂ neutral. The company is thus making an important contribution to reducing global greenhouse gas emissions. The HVO fuel is now also being used in the factory's supply chain.

Nenzing (Austria), 21 November 2024 – HVO is a synthetically produced fuel that is mainly obtained from vegetable and animal oil, and fat waste from the food industry. These are converted into hydrocarbons with the addition of hydrogen. HVO is the abbreviation for Hydrotreated Vegetable Oils. The HVO fuel from Neste used by Liebherr in Nenzing is one of the highest quality fuels on the market and is free from palm oil. Compared to conventional diesel and other fossil fuels, HVO produces up to 90 per cent less CO₂ emissions during combustion.

The use of HVO in the machines at the Liebherr factory in Nenzing can save 300,000 litres of diesel per year and reduce CO₂ emissions by 810 tonnes. This corresponds to a 20 per cent reduction in direct CO₂ emissions at the site. As HVO can be mixed with fossil diesel in any ratio and used with conventional combustion engines, most Liebherr machines in the global fleet can be operated immediately and effectively with HVO. The higher the proportion of HVO in the fuel mixture, the higher are the CO₂ savings.

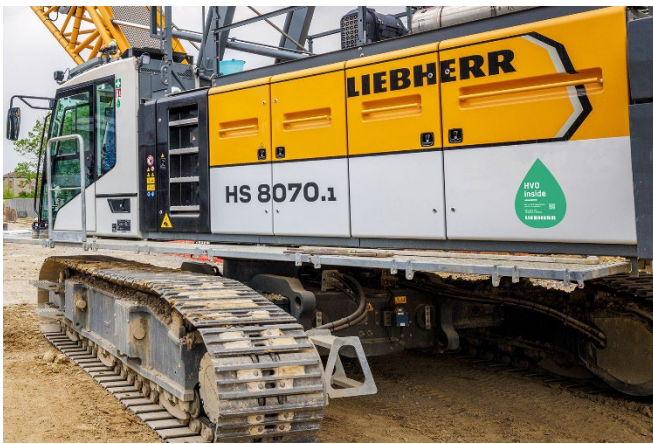
HVO in logistics

Since the beginning of August 2024, a well-known Vorarlberg transport company has also been carrying out all transport operations for Liebherr-Werk Nenzing GmbH using HVO-powered vehicles. Thanks to this collaboration, the site is significantly reducing its CO₂ footprint and improving environmental standards in the supply chain. This conversion can save 23 per cent of transport emissions and 3,500 tonnes of CO₂.

About the Liebherr Group – 75 years of moving forward

The Liebherr Group is a family-run technology company with a highly diversified product portfolio. The company is one of the largest construction equipment manufacturers in the world. It also provides high-quality and user-oriented products and services in a wide range of other areas. The Liebherr Group includes over 150 companies across all continents. In 2023, it employed more than 50,000 staff and achieved combined revenues of over 14 billion euros. Liebherr was founded by Hans Liebherr in 1949 in the southern German town of Kirchdorf an der Iller. Since then, the employees have been pursuing the goal of achieving continuous technological innovation and bringing industry-leading solutions to its customers. Under the slogan '75 years of moving forward', the Group celebrates its 75th anniversary in 2024.

Images



liebherr-hvo_1.jpg

All new machines from Liebherr-Werk Nenzing GmbH are filled with HVO fuel during assembly.



liebherr-hvo_2.jpg

The machine sticker indicates HVO fuelling.

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