

Press release

## **Liebherr Awarded by AVL Powertrain UK to Supply Double-stage Electric Turbochargers**

**Liebherr-Aerospace Toulouse has been selected by AVL Powertrain UK Ltd., one of the largest private companies dedicated to the development of powertrain systems and test systems, to deliver 25 kW / 400 V double-stage electric turbochargers to support the development of a fuel cell electric demonstrator commercial vehicle in collaboration with Ford UK, as part of the APC UK project, Fuel-cell Commercial Vehicle Generation 1.0.**

Toulouse (France). December 2020 – The first delivery of the turbochargers, developed and manufactured by Liebherr-Aerospace Toulouse SAS, Toulouse (France), is scheduled in the coming month for a six-week test run on a testrig, followed by a second test campaign during spring 2021 on the vehicle.

AVL Powertrain UK together with Ford Motor Company aims to present this commercial vehicle with fuel-cell propulsion at the annual "Low Carbon Vehicle" event in September 2021. "Liebherr has provided excellent technical and proactive support which has met not only the technical requirements of the project, but also the aggressive timescales", says Dr. Bernadette Longridge, Engineering Centre Manager, AVL Powertrain UK Ltd.

This selection represents a further step in the product diversification strategy of Liebherr-Aerospace Toulouse. It strengthens Liebherr's presence in the automotive industry and allows the company to develop its expertise in electrically powered turbochargers for other applications such as maritime and rail applications.

### **About Liebherr-Aerospace & Transportation**

Liebherr-Aerospace & Transportation SAS, Toulouse (France), is one of eleven divisional control companies within the Liebherr Group and coordinates all activities in the aerospace and transportation systems sectors. The division, which employs around 6,200 people, supplies extensive systems and components for manufacturers and operators of aircraft and rail cars.

Furthermore, for more than one decade, Liebherr has been collaborating with major automotive manufacturers to develop the future generation of fuel cell vehicles.

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Constant investment into research and development play a key role in Liebherr's long-term vision and strategy. This allows Liebherr-Aerospace and Transportation Systems to develop technologies that are employed in next generation aircraft and rail vehicles as well as in the automotive industries.

### **About the Liebherr Group**

The Liebherr Group is a family-run technology company with a highly diversified product portfolio. The company is not only one of the largest construction equipment manufacturers in the world, but also provides high-quality and user-oriented products and services in a wide range of other areas. The Liebherr Group includes over 140 companies across all continents, employs more than 48,000 staff and in 2019 achieved combined revenues of over 11.7 billion euros. Since its foundation in 1949 in Kirchruf an der Iller in Southern Germany, Liebherr has been pursuing the goal of achieving continuous technological innovation, and bringing industry-leading solutions to its customers.

### **Image**



liebherr-double-stage-fuel-cell-compressor-copyright-liebherr.jpg

Double stage fuel cell compressor by Liebherr - © Liebherr

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### **Published by**

Liebherr-Aerospace & Transportation SAS

Toulouse / France

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