



PRESS RELEASE - 20 MARCH 2026

## **Sustainable future through innovation: ECOOLTEC wins Cold Chain Sustainability Award 2026**

- **The British Cold Chain Federation has presented ECOOLTEC with a renowned Cold Chain Sustainability Award**
- **John Winter, Managing Director of ECOOLTEC UK: "This recognition highlights the importance of sustainable innovation in temperature-controlled logistics."**
- **Thanks to the use of natural refrigerants and electric drive, the ECOOLTEC technology enables emission- and F-gas-free transport refrigeration.**

**The Cold Chain Federation has presented ECOOLTEC with the Cold Chain Sustainability Award 2026 in the category "Technological Breakthrough-Sustainable Innovation of the Year: Refrigerated Transport". The award was accepted by John Winter, Managing Director of ECOOLTEC UK, and Dale Cornes, General Sales Manager of ECOOLTEC UK, during the Cold Chain Climate & Energy Summit 2026 held at Warwick University.**

The Cold Chain Sustainability Awards by the Cold Chain Federation, the British association of temperature-controlled storage and distribution industry, celebrate the people, projects, facilities and organisations leading the way towards a greener and more resilient cold chain. This annual conference includes a presentation of awards judged by an independent panel of industry experts who select the most outstanding applications from a large number of entries. This year ECOOLTEC came out on top in the category "Technological Breakthrough - Sustainable

Innovation of the Year: Refrigerated Transport”, beating numerous well-known companies.

“This recognition is a fantastic achievement for our entire team at ECOOLTEC and highlights the importance of sustainable innovation in temperature-controlled logistics. At ECOOLTEC, we will continue to work intensively to innovative and, above all, provide sustainable transport refrigeration systems to offer our customers cost-effective, highly efficient and environmentally friendly solutions”, says John Winter, Managing Director of ECOOLTEC UK.

### **ECOOLTEC technology enables F-gas-free supply chain**

ECOOLTEC has developed a revolutionary generation of transport refrigeration machines for use on commercial vehicles. The refrigeration systems can be operated electrically from the truck engine via their in-house high-performance alternator, a battery electric vehicle, a battery solar charging system, mains power, or a separate power alternator and therefore do not require an integrated diesel engine. Unlike widely used diesel refrigeration machines, the ECOOLTEC unit produces neither local pollutant nor CO<sub>2</sub> emissions in battery operation, and up to 98 per cent fewer emissions via the alternator drive.

The technological highlight of the system is the use of sustainable refrigerants. Instead of the fluorinated refrigerants (hydrofluorocarbons) R452A and R410A, which are predominantly used in transport refrigeration and have GWP (Global Warming Potential) values of approximately 2,000; ECOOLTEC relies on natural refrigerants with neglectable GWP values. In addition, unlike conventionally designed machines, the ECOOLTEC system features patented hermetic refrigerant circuits that, despite the demanding operating conditions in road freight transport are outstandingly efficient at preventing refrigerant leaks and operating costs.

## **60 to 80 per cent less energy consumption than conventional systems**

Hydrocarbons are also characterised by the high energy efficiency of the refrigeration process, meaning that ECOOLTEC refrigeration systems designed for multi-temp operations have an enormous refrigeration capacity relative to their size and weight. As a result, the ECOOLTEC refrigeration system requires 60 to 80 per cent less energy than a conventional system for the same cooling capacity powered by a stand-alone diesel engine.

### **Caption:**



*Award winning innovation: ECOOLTEC TM182 transport refrigeration unit.*

### **Company profile:**

ECOOLTEC Grosskopf GmbH is a European manufacturer of future-oriented, environmentally friendly transport refrigeration systems. The mission of the company is to offer operators of refrigerated vehicles transport refrigeration systems which are particularly sustainable, efficient and reliable. Key features of the ECOOLTEC technology are the exclusive use of natural refrigerants with no global warming potential and the all-electric alternator or battery drive. The company headquarters and production site is in Mülheim a. d. Ruhr (North Rhine-Westphalia). CEO Henning Altebäumer and CTO Holger Dörre are responsible for the management of the company. ECOOLTEC also owns ECOOLTEC UK Ltd. which is located in Buckingham (Buckinghamshire), Managing Director is John Winter.

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