

# Press release

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Stuttgart, May 8, 2025

## MAHLE: Market launch of E-CARE Fluid in Europe

- New device for maintaining cooling circuits now available
- E-CARE Fluid enables fully automated emptying and filling of cooling systems in electric vehicles
- Integrated vacuum and pressure test to locate leaks
- Philipp Grosse Kleimann, Head of MAHLE Lifecycle and Mobility: “With our new E-CARE Fluid service device, we get our customers ready for the service of electric vehicles.”
- E-CARE Fluid is suitable for all relevant coolants as well as for internal combustion engines, hybrid and battery-electric vehicles

**MAHLE starts selling its latest service unit, E-CARE Fluid, in Europe. The innovative solution enables easy maintenance of the cooling circuit in vehicles of all drive types. In the event of a repair to the high-voltage battery or the replacement of a component from the coolant circuit, it can be emptied and refilled with E-CARE Fluid in a fully automated manner. In addition, mechanics can check the circuit for leaks with an integrated vacuum and pressure test. “Whether workshops, fleet managers or reconditioners – with our new service device E-CARE Fluid we get our customers ready for the service of electric vehicles,” said Philipp Grosse Kleimann, Member of the MAHLE Management Committee and head of the Lifecycle and Mobility business unit. E-CARE Fluid is suitable for all relevant cooling media.**

“Regularly changing coolant is crucial to ensure the efficiency of the cooling circuit. This is particularly important for electric and hybrid vehicles as the traction battery is very sensitive to temperature fluctuations,” said Felix-Matthias Walter, Director Service Solutions at MAHLE Lifecycle and Mobility.

Chemical reactions that can be triggered by the aging of the coolant, as well as contaminants, may affect the cooling capacity and, therefore, the performance of the battery. In the worst case, this can lead to long-term damage to the cooling system.

E-CARE Fluid has two tanks: In one, the drained coolant is collected so that it can be reused. In the second tank, the service unit can produce a coolant mixture

according to the manufacturer's specifications and refill the circuit fully automatically. The device also includes a flushing function to remove contaminants from the cooling circuit. Workshop employees can create a final report directly via E-CARE Fluid and submit it to the customer.

To ensure an uncomplicated and clean maintenance and leak testing of the coolant circuit, mechanics are guided step by step through the process via an intuitive 7-inch touch screen. An integrated database for electric vehicles not only provides information on the correct type and amount of coolant but also on the cooling system, the opening points, and the vehicle-specific test pressures and adapters. The database is continuously updated via a wireless network connection. In addition to the fully automatic process, the service unit also offers a manual procedure that is mainly used in hybrid vehicles and vehicles with an internal combustion engine.

With each E-CARE Fluid device, MAHLE supplies an accessory case with around 20 different adapters, covering all common vehicles and drive types. The touch screen of the device indicates which adapter must be used for the respective vehicle. MAHLE service technicians can connect directly via a remote function and support workshops with maintenance.

*Help for editors: This press release and the accompanying photo material can be found at <https://newsroom.mahle.com/press/en/>.*

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E-CARE Fluid offers a fully automatic mode where mechanics are guided through the process step by step.



Philipp Grosse Kleimann, Member of the MAHLE Management Committee and Head of the Lifecycle and Mobility business unit



Felix-Matthias Walter, Director Service Solutions at MAHLE Lifecycle and Mobility

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### About MAHLE Lifecycle and Mobility

MAHLE Lifecycle and Mobility, the spare parts and service business unit of the MAHLE Group, supplies partners in trade, workshops, engine repair shops, and e-commerce worldwide. The proven product range covers the entire product lifecycle of a vehicle along the MAHLE strategic fields of electrification, thermal management, and efficient, sustainable combustion engines. MAHLE Lifecycle and Mobility uses the expertise from original equipment series production. In addition, the MAHLE Service Solutions business segment develops products for workshop equipment, such as vehicle diagnostics, battery or air conditioning service, and offers technical support and individual training programs.

MAHLE Lifecycle and Mobility operates out of more than 30 locations and additional sales offices in 23 countries with more than 2,060 employees. In 2024, the business unit generated a global sales volume of EUR 1.3 billion. (as at: 12/31/2024)

### About MAHLE

MAHLE is a leading international development partner and supplier to the automotive industry with customers in both passenger car and commercial vehicle sectors. Founded in 1920, the technology group is working on the climate-neutral mobility of tomorrow, with a focus on the strategic areas of electrification and thermal management as well as further technologies to reduce carbon emissions, such as fuel cells or highly efficient, clean combustion engines that also run on renewable fuels, such as hydrogen. Today, one in every two vehicles globally is equipped with MAHLE components.

MAHLE generated sales of €11.7 billion in 2024. Employing just under 68,000 people at 135 production locations and 11 technology centers, the company is represented in 28 countries. (as at: 12/31/2024)

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