Press release
Mobility Aftermarket

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Bosch's new DOT 4 E brake fluid contains no hazardous borates
Brake fluid suitable for safe handling by all workshop mechanics

- The improved formulation of the DOT 4 E brake fluid achieves a good balance between high boiling point and low viscosity despite the absence of borates
- The brake fluid exceeds the international DOT 4 standard and is also suitable for electric vehicles
- The DOT 4 E brake fluid simplifies hazardous substance management in workshops

Karlsruhe, Germany – To raise their boiling point, conventional brake fluids contain borates. But these are classified as toxic; they can affect fertility and endanger unborn children. That's why brake fluids have to be handled with protective gloves and goggles, and why pregnant women should avoid any contact with brake fluid. Now Bosch has developed a brake fluid called DOT 4 E that contains no hazardous borates and achieves a good balance between a high boiling point and low viscosity. Because it isn't classified as a hazardous substance, it's safe for pregnant women to handle. What's more, it exceeds the international DOT 4 standard and demonstrates low viscosity. This makes it suitable for many vehicle types with ABS and ESP. In developing the new brake fluid, care was taken to ensure that it exhibits low electrical conductivity and – like all other brake fluids from Bosch – can be used in electric vehicles.

More environmentally friendly packaging with a shelf life of 30 months

Bosch's new DOT 4 E brake fluid comes in a bottle made of 100 percent recycled plastic, which also makes it even more sustainable and environmentally friendly. In comprehensive testing, Bosch ensured that the recycled bottles can keep the brake fluid fresh for up to 30 months.

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This new product is of particular interest to workshop customers who value environmental protection and sustainability: they get a brake fluid that features more environmentally friendly packaging and is not classified as a hazardous substance. Bosch's new brake fluid chimes with growing efforts to avoid hazardous substances. In workshops, it simplifies hazardous substance management and, moreover, is safe for all mechanics to handle.

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The Mobility Aftermarket division (MA) provides the aftermarket and repair shops worldwide with modern diagnostic and repair shop equipment and a wide range of spare parts – from new and exchange parts to repair solutions – for passenger cars and commercial vehicles. Its product portfolio includes products made as Bosch original equipment, products developed in-house and specifically manufactured for the aftermarket, as well as services. About 16,000 associates, as well as a global logistics network, ensure that spare parts reach customers quickly and on time. MA supplies testing and repair-shop technology, diagnostic software, service training, and information services. In addition, the division is responsible for the "Bosch Service" repair-shop franchise, one of the world's largest independent chains of repair-shops, with some 13,000 workshops, and more than 1,000 "AutoCrew" partners in over 100 countries. In addition, with Bosch Classic, MA supports owners of classic cars with a wide range of spare parts and services.

Additional information can be accessed at www.boschaftermarket.com

The Bosch Group is a leading global supplier of technology and services. It employs roughly 429,000 associates worldwide (as of December 31, 2023). The company generated sales of 91.6 billion euros in 2023. Its operations are divided into four business sectors: Mobility, Industrial Technology, Consumer Goods, and Energy and Building Technology. With its business activities, the company aims to use technology to help shape universal trends such as automation, electrification, digitalization, connectivity, and an orientation to sustainability. In this context, Bosch's broad diversification across regions and industries strengthens its innovativeness and robustness. Bosch uses its proven expertise in sensor technology, software, and services to offer customers cross-domain solutions from a single source. It also applies its expertise in connectivity and artificial intelligence in order to develop and manufacture user-friendly, sustainable products. With technology that is "Invented for life," Bosch wants to help improve quality of life and conserve natural resources. The Bosch Group comprises Robert Bosch GmbH and its roughly 470 subsidiary and regional companies in over 60 countries. Including sales and service partners, Bosch's global manufacturing, engineering, and sales network covers nearly every country in the world. Bosch's innovative strength is key to the company's further development. At 136 locations across the globe, Bosch employs some 90,000 associates in research and development, of which nearly 48,000 are software engineers.

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