Press Release

**Brake safely with Continental – new equipment for changing brake fluid**

* Particularly safe – the filling and bleeding unit is equipped with innovative electronic pressure control
* Particularly comprehensive – the product portfolio ranges from brake fluid to work devices and disposal systems
* Particularly reliable – the brake fluid testing equipment displays information about the unit’s status

Frankfurt, September 2017. Brake fluid plays a decisive role in reliable braking and safe driving. Maintenance is often incompletely documented, especially in the case of older vehicles, so brake fluid testing is high-priority when brakes are serviced in independent workshops. The new generation of the BFCS 300 brake fluid test equipment from the technology company Continental has now made this task even more user-friendly. The FB30 family of bleeding devices has also been updated. An electronic pressure control system ensures even more safety while the brake fluid is being changed – a first in the automotive aftermarket. Continental also offers a comprehensive range of products for replacing brake fluid with its ATE product brand – from brake fluids and bleeding unit adapters to the disposal system.

## The brake fluid testing equipment warns you when the sensor is overheating

The ATE BFCS 300 brake fluid testing equipment uses the thermo-boiling method to measure the boiling point of all common, glycol-based brake fluids. “Boiling the liquid is the only way to determine the exact boiling point regardless of the type of brake fluid,” emphasizes Frank Schmidt, Head of Technical Services for Continental’s Independent Aftermarket Business Unit. “In Austria, the brake fluid test is part of the Technical Inspection Authority’s testing procedure, so this method is required by law.”

During the test procedure, a sample of the brake fluid in the ATE BFCS 300 is heated to its boiling point. The device then displays the measured temperature value after approximately 30 seconds. Continental experts have integrated an optional printer interface into the latest version. This allows the workshop to print out the test result and use it for customer information. An internal counter stores the last 10 measurements. Another especially useful feature is that error messages can now be analyzed quickly and the error targeted and corrected, because the device warns users on its new 4-digit display if the sensor is too hot, for example, or if the measuring head is beginning to suffer from wear & tear – and thanks to the ATE BFCS 300’s new wide-range power supply designed for voltage supplies of 90-250 V, workshops around the world can use the device safely.

## Changing brake fluid made easy

Modern servicing equipment is needed to change the brake fluid in the electronic braking systems of today’s modern vehicles – and Continental is once again setting new standards in the market with the new ATE FB 30 filling and bleeding unit with its innovative electronic pressure control system. Three pressure stages are available for filling, flushing and bleeding the braking system: 0.4, 1.0 and 2.2 bar. The device monitors the pressure setting electronically and regulates it as required, ensuring maximum safety – and manual pressure adjustment from 0.4 -3.5 bar is now also available. A pressure gauge allows you to monitor the selected pressure. All functions are controlled via the rugged, clearly arranged control panel. Signal lamps indicate the selected function.

The ATE FB 30 works directly from commercial 5, 20 and 30-liter brake fluid containers, which are securely fixed in the unit by means of a bracket. There is no need for the time-consuming transfer of the brake fluid. A specially designed bracket ensures that the suction lance is fixed securely in the brake fluid container. The unit is also designed to prevent unwanted air from entering the container and the brake system. The ATE FB 30 is equipped with practical brackets for the filling hose and power cord – and there are also holders for bleeding unit adapters. The unit also features a stowage tray for small parts and tools. The ATE FB 30 is supplied with a bleeding unit adapter that fits all common European vehicles. Continental’s other adapters for a large number of vehicles in the market can be ordered from automotive part wholesalers.

## Making brakes react quickly and reliably

Testing equipment and filling and bleeding units are just one part of Continental’s broad portfolio for changing brake fluids – the ATE brake fluid range includes DOT 3 and DOT 4 high-performance and ESP brake fluids. Many container sizes are available for each quality grade. High-quality additives in our brake fluids provide excellent protection against rust and fluid aging, increasing the longevity of the brake as a whole and making it safer in the long term.

For proper and cost-effective brake fluid disposal, Continental also offers disposal systems with up to four collecting containers, in which the used brake fluids can be sorted according to type in a closed system.

## Captions

## Continental\_pp\_ATE BFCS 300

The four-digit display of the further-developed ATE BFCS 300 brake fluid testing equipment enables fast fault analysis.

Photo: Continental

## Continental\_pp\_ATE FB 30

Modern service device: The new ATE FB 30 filling and bleeding unit features an innovative electronic pressure control system.

Photo: Continental

**Continental** develops pioneering technologies and services for sustainable and connected mobility of people and their goods. Founded in 1871, the technology company offers safe, efficient, intelligent and affordable solutions for vehicles, machines, traffic and transport. In 2016, Continental generated sales of €40.5 billion and currently employs more than 230,000 people in 56 countries.

Information management in and beyond the vehicle is at the very heart of the **Interior**division. The product portfolio for different types of vehicles includes: instrument clusters, multifunctional and head-up displays, control units, access control and tire-information systems, radios, infotainment systems, input devices, control panels, climate control units, software, cockpits as well as services and solutions for telematics and Intelligent Transportation Systems. The Interior division employs more than 43,000 people worldwide and generated sales of €8.3 billion in 2016.

Within the Interior Division the **Commercial Vehicles & Aftermarket** Business Unit accommodates the specific requirements of the commercial vehicle, special vehicle and aftermarket sector. A global network of sales and service companies ensures proximity to local customers. Covering the product brands Continental, VDO, ATE, Galfer and Barum the Business Unit offers web based managed services, fleet management and tachograph solutions electronic products, systems and services for commercial and special vehicles, a broad selection of products for specialized workshops and spare parts for the Independent Aftermarket and the Original Equipment Services after end of series production of the vehicle manufacturer.

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