



**Immediate Release**  
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**BORGWARNER SUPPLIES VISCTRONIC® FAN DRIVES**  
**FOR SANY OFF-HIGHWAY VEHICLES IN CHINA**

*BorgWarner's Precise Airflow Solutions*  
*Decrease Noise, Increase Fuel Efficiency and Reduce Emissions*

Auburn Hills, Michigan, July 23, 2015 – BorgWarner produces Visctronic® fan drives for excavators, cement mixers and crane trucks manufactured by SANY Heavy Industries, a leading off-highway vehicle producer in China. BorgWarner's electronically actuated Visctronic fan drives respond directly to engine cooling needs, resulting in more available horsepower, improved fuel efficiency and lower emissions. Depending on the duty cycle, BorgWarner's Visctronic technology improves fuel efficiency up to 1.4 percent compared with conventional fan drives and up to 4 percent compared with fixed fans. The technology also features a maintenance-free design and improves driver comfort with low noise, vibration and harshness. BorgWarner's Visctronic fan drive debuted in SANY D12 diesel engines in January and is expected to launch on D07 engines this summer.

"Off-highway vehicles operate under high loads and in tough environments. BorgWarner's Visctronic fan drives deliver precise cooling, generating the right amount of airflow at the right time to help the entire engine run more efficiently," said Daniel Paterra, President and General Manager, BorgWarner Thermal Systems. "BorgWarner is committed to serving the off-highway market with innovative solutions designed to increase fuel efficiency, reduce emissions and enhance performance. We are pleased to offer our advanced airflow solutions to SANY."

Actuated by ambient temperature via a thermostatic coil, conventional fan drives deliver the torque required to adequately cool the engine, but due to the lack of accurate engine temperature inputs, can still draw considerable power when cooling may not be needed. BorgWarner's Visctronic variable speed fan drives use specially calibrated software to communicate with the engine's electronic control unit, responding directly to

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the engine's needs based on engine temperature, engine speed, vehicle speed or engine load. Even under dynamic conditions, the Viscronic system operates only when needed, reducing the average fan speed in any given duty cycle and making more horsepower available for greater work output.

### **About BorgWarner**

BorgWarner Inc. (NYSE: BWA) is a product leader in highly engineered components and systems for powertrains around the world. Operating manufacturing and technical facilities in 58 locations in 19 countries, the company delivers innovative powertrain solutions to improve fuel economy, reduce emissions and enhance performance. For more information, please visit [borgwarner.com](http://borgwarner.com).



BorgWarner's electronically actuated Viscronic<sup>®</sup> fan drives respond directly to engine cooling needs, resulting in more available horsepower, improved fuel efficiency and lower emissions.

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Statements contained in this news release may contain forward-looking statements as contemplated by the 1995 Private Securities Litigation Reform Act that are based on management's current outlook, expectations, estimates

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and projections. Words such as “anticipates,” “believes,” “continues,” “could,” “designed,” “effect,” “estimates,” “evaluates,” “expects,” “forecasts,” “goal,” “initiative,” “intends,” “outlook,” “plans,” “potential,” “project,” “pursue,” “seek,” “should,” “target,” “when,” “would,” variations of such words and similar expressions are intended to identify such forward-looking statements. Forward-looking statements are subject to risks and uncertainties, many of which are difficult to predict and generally beyond our control, that could cause actual results to differ materially from those expressed, projected or implied in or by the forward-looking statements. Such risks and uncertainties include: fluctuations in domestic or foreign vehicle production, the continued use by original equipment manufacturers of outside suppliers, fluctuations in demand for vehicles containing our products, changes in general economic conditions, as well as other risks noted reports that we file with the Securities and Exchange Commission, including the Risk Factors identified in our most recently filed Annual Report on Form 10-K. We do not undertake any obligation to update or announce publicly any updates to or revision to any of the forward-looking statements.