

Immediate Release Contact Erika Nielsen 248-754-0422

## BORGWARNER LAUNCHES FIRST VISCTRONIC<sup>®</sup> FAN DRIVES FOR CLASS 8 COMMERCIAL TRUCKS IN NORTH AMERICA WITH FREIGHTLINER

BorgWarner's Electronically Controlled Visctronic Fan Drives Improve Engine Cooling for Better Fuel Economy and Improved Horsepower

Auburn Hills, Michigan, June 17, 2011 – A first for Class 8 commercial trucks in North America, BorgWarner Thermal Systems now supplies Visctronic fan drives as optional equipment for Freightliner Cascadia trucks powered by DD13 and DD15 engines. Engineered for optimal efficiency, BorgWarner's electronically controlled Visctronic fan drives operate only when needed and at the appropriate speed, freeing up engine power and contributing to better fuel economy. Tighter control of engine temperature also extends engine and component life.

"To meet stringent emissions regulations, today's heavy-duty commercial truck engines run at higher temperatures, making cooling systems a critical engine component. BorgWarner's Visctronic fan drives respond directly to engine demands, delivering precise cooling to keep truck fleets running more efficiently," said Daniel J. CasaSanta, President and General Manager, BorgWarner Thermal Systems. "With BorgWarner Kysor® on/off fan drives already standard equipment on these engines, we are pleased to expand our business with Freightliner by offering truck fleets the option to improve fuel economy and increase horsepower with BorgWarner Visctronic fan drives."

Visctronic fan drives combine BorgWarner's proven viscous technology with precise electronic control. Through specifically calibrated software, the fan drive communicates with the engine's electronic control unit (ECU) to continuously determine the engine's cooling needs. Patented fluid-actuated valves and high-speed reservoirs respond quickly for accurate control, delivering just the right amount of cooling when it's needed. Because the

BorgWarner Inc. (BorgWarner Launches First Visctronic $^{\circ}$  Fan Drive for Class 8 Commercial Trucks in North America with Freightliner) – 2

fan drive responds directly to the engine's cooling needs, average fan speed is lower. That means more available horsepower, better fuel economy, lower noise and improved driver comfort. Even at idle speed, the fan drive generates very low parasitic drag. As a self-contained unit, the fan drive requires no service or maintenance.

## **About BorgWarner Thermal Systems**

BorgWarner Thermal Systems is a leading designer and supplier of components and systems for thermal management, designed to improve engine cooling, increase fuel economy and reduce emissions.

## **About BorgWarner**

Auburn Hills, Michigan-based BorgWarner Inc. (NYSE: BWA) is a product leader in highly engineered components and systems for vehicle powertrain applications worldwide. The company operates manufacturing and technical facilities in 59 locations in 19 countries. Customers include VW/Audi, Ford, Toyota, Renault/Nissan, General Motors, Hyundai/Kia, Daimler, Chrysler, Fiat, BMW, Honda, John Deere, PSA, and MAN. The Internet address for BorgWarner is: http://www.borgwarner.com.



BorgWarner's Visctronic<sup>®</sup> fan drives are now available as an option on DD13 and DD15 engines for Freightliner Cascadia Class 8 commercial trucks, a first in the North American market.