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## **PurePOWER Technologies begins Compacted Graphite Iron Production at Indianapolis Casting Facility**

**CHICAGO and STOCKHOLM, January 25, 2012**— PurePOWER Technologies LLC, a Navistar Company, has begun production of Compacted Graphite Iron (CGI) cylinder blocks at its Indianapolis, Indiana casting facility. The heavy-duty CGI cylinder blocks are produced using the SinterCast process control technology.

The SinterCast System 3000 process control system has been configured at the PurePOWER Technologies Indianapolis casting facility to provide SinterCast's measure-and-correct feed forward control of the CGI production process, along with automated feedback control of the base treatment. The System 3000 also logs data from the melting, moulding and shake-out operations to provide enhanced quality control and traceability of the casting process.

The technology agreement between PurePOWER Technologies and SinterCast encompasses the PurePOWER Technologies casting facilities located in Indianapolis, Indiana and Waukesha, Wisconsin, with PurePOWER Technologies reserving the right to install additional SinterCast control systems on the two casting lines in Waukesha.

Together, the PurePOWER Technologies casting facilities in Indianapolis and Waukesha, provide capability for high volume CGI production for passenger vehicle applications and for commercial vehicle cylinder blocks and heads with engine displacements as large as 15 litres.

“Building on more than ten years of CGI product development and production experience within Navistar, Inc., PurePOWER Technologies has the experience, the facilities and the team to be a world-class provider of high quality CGI engine components to the passenger vehicle and commercial vehicle industries” said Rick Bacon, Director, PurePOWER Technologies Metalcastings, “We have brought the Indianapolis casting facility on-stream in record time to meet the increased demand for heavy-duty CGI blocks. We now look forward to bringing our CGI design and manufacturing experience to OEMs around the world as demand grows for GCI head and block casting technology using SinterCast process technology.”

“The commitment by PurePOWER Technologies to install CGI capability further demonstrates the growing demand for CGI engine components, particularly in the commercial vehicle sector” said Dr Steve Dawson, President & CEO, SinterCast. “The PurePOWER Technologies installation provides high volume CGI cylinder block and head production capability in the U.S. market. The global footprint of Pure Power Technologies and its parent company, Navistar, improves our combined ability to support the growing demand for CGI product development and production.”

Founded in 2009 by Navistar Incorporated [NYSE: NAV], **PurePOWER Technologies LLC** vertically integrates research and development, engineering and manufacturing capabilities to produce world-class diesel power systems and advanced emissions control solutions for breakthrough engine performance and cleaner running vehicles and equipment. Pure Power Technologies operates R&D centers in Columbia, South Carolina and Bowling Green Kentucky, with manufacturing facilities in Blythewood, South Carolina and iron foundries in Indianapolis, Indiana and Waukesha, Wisconsin. For more information: [www.purepowertechnologies.com](http://www.purepowertechnologies.com)

**SinterCast** is the world’s leading supplier of process control technology for the reliable high volume production of Compacted Graphite Iron (CGI). With at least 75% higher tensile strength, 45% higher stiffness and approximately double the fatigue strength of conventional grey cast iron and aluminium, CGI allows engine designers to improve performance, fuel economy and durability while reducing engine weight, noise and emissions. SinterCast produces a variety of CGI components ranging from 2 kg to 17 tonnes, all using the same proven process control technology. The end-users of SinterCast-CGI components include Aston Martin, Audi,

Caterpillar, Chrysler, DAF Trucks, Ford, Ford-Otosan, General Electric Transportation Systems, General Motors, Hyundai, Jaguar, Jeep, Kia, Lancia, Land Rover, MAN, Navistar, Porsche, PSA Peugeot-Citroën, Renault, Rolls-Royce Power Engineering, Scania, Toyota, Volkswagen, Volvo, VM Motori, and Waukesha Engine. The SinterCast share is quoted on the Small Cap segment of the NASDAQ OMX stock exchange (Stockholmsbörsen: SINT). For more information:

[www.sintercast.com](http://www.sintercast.com)

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