



Dana Initiates Pre-Production Testing of Spicer® Global Single Axle Family to Improve Efficiency of Commercial Vehicles

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HANOVER, Germany, Sept. 21, 2016 /PRNewswire/ -- Today at the IAA Commercial Vehicles trade show, Dana Incorporated (NYSE: DAN) revealed new details about its Spicer® global single axle for trucks, tractors, and coaches.

Engineered for 6x2 and 4x2 axle configurations, this family of single-reduction, solo drive axles can be customized for vehicle applications with gross combination weight ratings of 32 to 45 tonnes (70,000 to 100,000 pounds).

Now available for pre-production testing, the Spicer global single axle offers increased mechanical efficiency and less weight than current offerings. With improved operating efficiency and a higher payload, production units are scheduled to hit the market in 2018.

The Spicer global single axle has been engineered on a flexible platform that combines design and production efficiency with various application-specific demands. This axle is the first to support ratios lower than 2:1 as part of a range of axle ratios designed for engine downspeeding. This enables efficient operation at desired highway cruise speeds with engine speed approaching 1,000 rpm.

Additionally, the global single axle's full selection of ratios is the broadest available, supporting up to 6.8:1.

"The regional market needs of today's global commercial-vehicle manufacturers vary greatly, but Dana offers solutions that are truly localized to meet our customers' specific requirements," said Mark Wallace, president of Dana Commercial Vehicle Driveline Technologies. "The Spicer global single axle family delivers the increased efficiency that is required by the industry, along with regional customization that buyers demand. This axle can also be paired with a wide selection of Spicer driveshafts for a fully optimized drivetrain solution."

The Spicer global single axle's high-power density bearings reduce friction and spin loss, allowing for a more efficient transfer of power to cover a broad range of duty cycles. Patented lube meter technology ensures optimum lubrication of the bearings, and a Venturi-style cover more efficiently directs lubrication to where it is needed.

Dana also offers a range of fuel-efficient synthetic gear lubricants, such as the Spicer® XFE-75W90 axle lubricant, to further improve fuel economy with this drive axle and Dana's other high-efficiency drivetrain solutions.

Dana will exhibit the Spicer global single axle, along with other drivetrain solutions for the commercial-vehicle industry, in Hall 17, Stand A24 at IAA. For more information, visit www.dana.com/commercialvehicle.

About Dana Incorporated

Dana is a world leader in the supply of highly engineered drivetrain, sealing, and thermal-management technologies that improve the efficiency and performance of vehicles with both conventional and alternative-energy powertrains. Serving three primary markets – passenger vehicle, commercial truck, and off-highway equipment – Dana provides the world's original-equipment manufacturers and the aftermarket with local product and service support through a network of nearly 100 engineering, manufacturing, and distribution facilities. Founded in 1904 and based in Maumee, Ohio, the company employs more than 23,000 people in 25 countries on six continents. In 2015, Dana generated sales of nearly \$6.1 billion. *Forbes* Magazine has again selected Dana as one of America's 100 Most Trustworthy Companies. For more information, please visit dana.com.

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