

Timken to Discuss Longer Wind Turbine Bearing Life with AWEA Attendees

Hear ideas to avoid expensive rebuilds by visiting booth No.3552 in Anaheim

NORTH CANTON, Ohio — May 15, 2017 — Power producers, service companies and distributors seeking **technical solutions that can greatly extend the time between turbine rebuilds** are encouraged to connect with [The Timken Company](#) (NYSE: TKR) at the 2017 American Wind Energy Association (AWEA) [WINDPOWER Show](#), coming May 22-25 to the Anaheim Convention Center (booth No. 3552).

Timken is a global leader in bearings with a large portfolio of aftermarket upgrade solutions for turbine gearboxes and mainshafts. For instance, the Timken [Tapered Double Inner \(TDI\) roller mainshaft bearing](#) has a field-proven design for improving bearing life and system performance in three-point mount turbines. Consider:

- When a standard spherical roller bearing is used in the mainshaft, axial thrust is transmitted to the gearbox components, causing wear
- When a TDI bearing is used, this **thrust has been shown to be reduced by as much as 67 percent** before it reaches the gearbox

Given the significant cost of downtower repairs, **preventing even one unplanned maintenance event over the life of a turbine can mean greater value** for wind farm operators. Improving the reliability of large-bore turbine bearings has been a primary focus for Timken for many years.

“Over the last eight years, we have built a worldwide wind energy supply chain,” said Rick Brooks, wind energy sales manager for Timken. “With facilities in North America, Europe and Asia, we are a global company with regional manufacturing and service. And we devote significant resources to solving the biggest challenges our customers face—it’s why we now offer over hundreds of upgraded bearing part numbers for reducing your operations and maintenance spend.”

At the show, a team of Timken experts will be available to talk about these and other cost-cutting innovations. Attendees can learn much more about:

- Wear-resistant spherical bearings ideal for poor lubrication environments
- Case-carburized cylindrical bearings to combat axial cracking in gearboxes
- Coupling technology focused on increasing uptime
- Automatic lubrication systems to keep operations smooth and predictable

The AWEA WINDPOWER exhibition brings top-tier speakers, world-class education, cutting-edge technologies and premium networking opportunities to thousands of industry professionals. More than 400 companies and organizations take part in the

event, which is the largest annual wind energy conference in North America. Visit www.windpowerexpo.org for details.

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Feel free to share these social media posts on your channels:

Twitter

Fact: Axial thrust is BAD NEWS for gearbox bearings. @Timken helps wind turbines run longer without repairs: <http://bit.ly/2rf13BG>. #windworks #windpower

Facebook

Can one roller bearing save \$100,000—or more? @The Timken Company shares tips to avoid costly wind turbine repairs with AWEA attendees. Visit them in booth 3552. <http://bit.ly/2rqLqES>.

LinkedIn

AWEA Attendees: Timken has built a global production base and offers 400+ active-selling part numbers to reduce your O&M spend. Learn about the surprising impact longer bearing life can make in your operation: <http://bit.ly/2qvZ0q4>.

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About The Timken Company

The Timken Company (NYSE: TKR; www.timken.com) engineers, manufactures and markets bearings, gear drives, belts, chain, couplings, and related products, and offers a spectrum of powertrain rebuild and repair services. The leading authority on tapered roller bearings, Timken today applies its deep knowledge of metallurgy, tribology and mechanical power transmission across a variety of bearings and related systems to improve reliability and efficiency of machinery and equipment all around the world. The company's growing product and services portfolio features many strong industrial brands including Timken®, Fafnir®, Philadelphia Gear®, Drives®, Lovejoy® and Interlube™. Known for its quality products and collaborative technical sales model, Timken posted \$2.7 billion in sales in 2016. With more than 14,000 employees operating from 28 countries, Timken makes the world more productive and keeps industry in motion.

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