

Tenneco Showcases Powertrain Solutions at 2021 WICE in China

Advanced technologies help vehicle manufacturers meet CO₂ reduction challenges

Shanghai, China, April 19, 2021 – Tenneco's (NYSE:TEN) Powertrain business group will present leading powertrain technologies and products for diesel and natural gas engines complying with new China 6 emissions regulation at 2021 World Congress on Internal Combustion Engines (WICE) in Ji'nan, China (Booth BT08, April 21 - 24, 2021). Tenneco aims to support Chinese and global vehicle manufacturers with technologies for improving engine performance and fuel efficiency, while reducing emissions and helping to meet the objective of the Carbon Neutralization Campaign.

"Tenneco is committed to innovation and the development of further improved powertrain solutions. Thanks to the promotion and application of our cutting-edge technologies in the Chinese market as well as the soaring demand in the commercial market, last year our sales hit new records in China," said Felix Cheng, Global Vice President & General Manager, South and East Asia, Powertrain. "We expect the markets for commercial vehicles and off-highway applications to be a main driver of our Powertrain business going forward. Tenneco will continue to promote the application of China 6 compliance technologies and also actively participate in the development of new engines which meet the future China 7 emission regulation."

Tenneco will exhibit a comprehensive range of powertrain products at its booth including pistons, piston rings, cylinder liners, valve system components, bearings, sealing systems, as well as ignition and systems protection products. Also on display will be mechanical face seals for construction machinery and large bore piston rings for marine applications. Key product highlights include:

Monosteel® Piston: Building on Tenneco's unique dual-friction welding expertise, Monosteel pistons are capable of withstanding firing pressures up to 300 bars, providing superior strength and durability for heavy-duty engine applications. The large gallery enables more efficient cooling, which results in reduced cooling oil and improved fuel consumption. Moreover, the impact of piston skirt friction can be reduced by up to 35% using latest generation of EcoTough® low friction and wear-resistant coating. The Tenneco piston team is currently contributing its expertise in the development of new technologies for China 7 compliant engines and the Phase IV Fuel Consumption regulation.

IROX® 2 Polymer Engine Bearings: IROX 2 bearings, applying second-generation polymer-coated bearing technology, can reduce friction and improve wear resistance to achieve higher conformability and enhanced seizure resistance. The new high-performance product can be used on almost all engines from high-performance sports cars to large heavy-duty diesel trucks. In addition, IROX 2 withstands the higher mechanical loads of China 6 and future China 7 compliant diesel engines for heavy-duty applications by extending the working range to a fatigue load level in the region of 100 MPa which traditionally required expensive PVD coated bearings. Since introduction to China's commercial vehicle market in 2020, Tenneco has supplied more than 200,000 IROX 2 bearings to Chinese OE customers.

Proprietary sealing solutions resisting high temperatures and firing pressures: Tenneco will also showcase a full range of sealing technologies that support commercial vehicle engine applications with special requirements including the PACE™ Award-winning High-Temperature Alloy (HTA) technology. When used in combination with High-Temperature Coatings (HTC), the HTA technology provides reliable exhaust gas sealing on exhaust system flange surfaces when temperatures exceed 700C. The company's hybrid Steel-Elastomer (SE) gaskets will also be exhibited. These gaskets can effectively reduce cylinder bore deformation and enable less friction and reduced fuel consumption by integrating proven multi-layer steel (MLS) technology and elastomeric fluid sealing in a single product. The Hybrid-SE gaskets provide optimum sealing of both combustion gases and engine fluids to satisfy the requirements of China 6 or 7 compliant engines for higher firing pressures up to 300bar.

To learn more about leading powertrain technologies and products, please visit Tenneco at WICE Booth BT08.

The World Congress on Internal Combustion Engines is a global conference and exhibition initiated by the Chinese Society for Internal Combustion Engines. It is held every three years to promote scientific exchanges about ICE technology. This year's congress theme is "Green Efficiency, Intelligence, and Reliability". Leading ICE manufacturers, parts suppliers, universities, and research institutions from around the world will gather in Ji'nan to exhibit the latest products and technologies of the industry and to shape the future development of the Chinese and global internal combustion engine industries.

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About Tenneco

Tenneco is one of the world's leading designers, manufacturers and marketers of automotive products for original equipment and aftermarket customers, with full year 2020 revenues of \$15.4 billion and approximately 73,000 team members working at more than 270 sites worldwide. Through our four business groups, Motorparts, Ride Performance, Clean Air and Powertrain, Tenneco is driving advancements in global mobility by delivering technology solutions for diversified global markets, including light vehicle, commercial truck, off-highway, industrial, motorsport and the aftermarket. Visit www.tenneco.com to learn more.

This news release contains "forward-looking statements". The forward-looking statements are subject to risks and uncertainties that could cause Tenneco's results to differ materially. All forward-looking statements should be considered in the context of the risk and other factors detailed from time to time in Tenneco's Securities and Exchange Commission filings.

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