

EcoLife 2

Next Generation Automatic 6-Speed Transmission
for Bus Applications



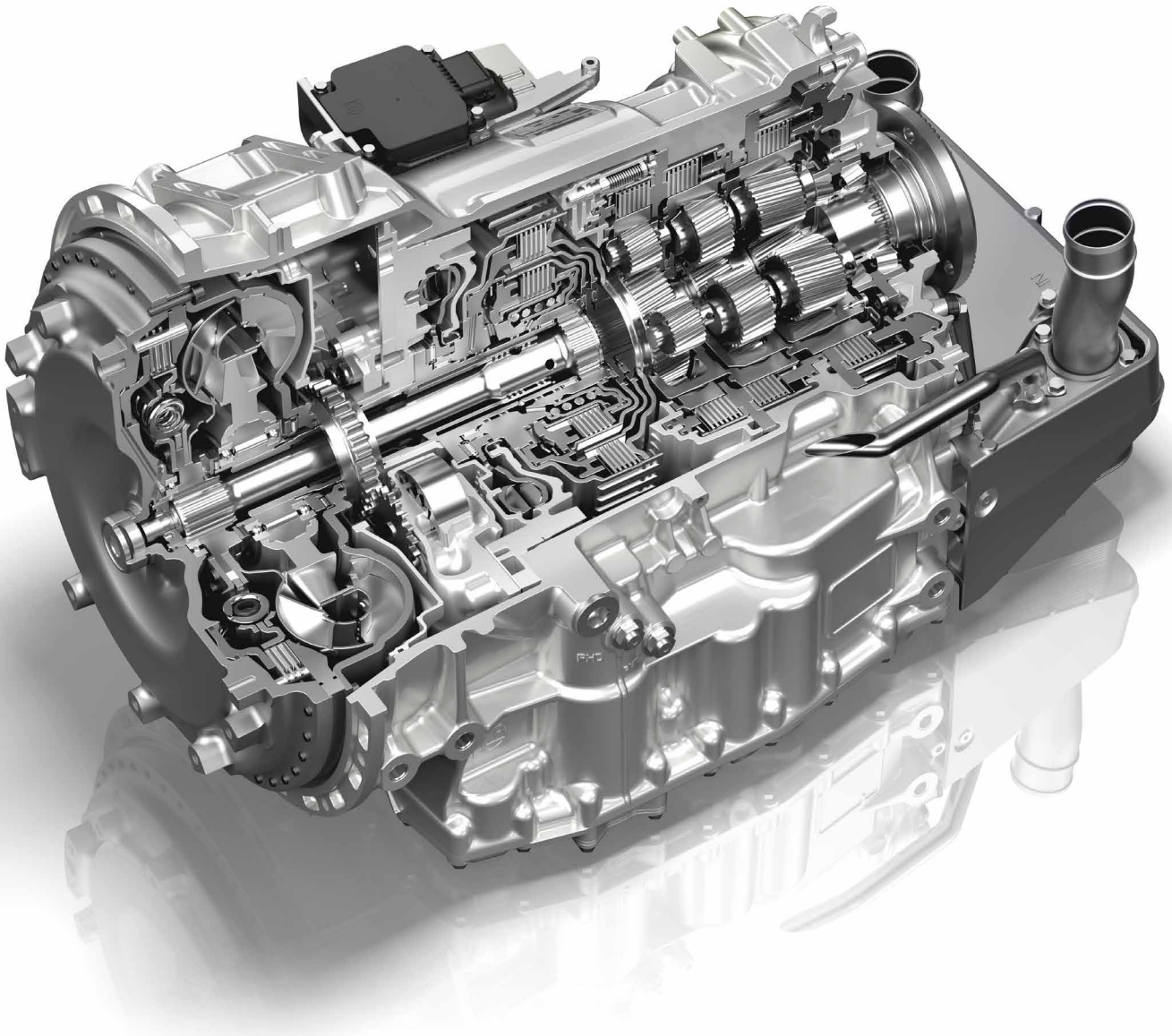
ZF's Pioneering Automatic Transmission for Buses

ZF's next generation automatic 6-speed transmission is based on decades of experience in leading automatic transmissions for bus applications. Its weight-optimized and robust design delivers an excellent and smooth driving experience through fast, comfortable gearshifts. It features a new torsional damper and advanced software functions helping to provide quieter operation while improving overall fuel efficiency.

Value to Customers

- Serves all types of city and intercity bus applications up to 32t responding to specific customer needs
- Provides up to 3% fuel and CO2 savings compared to previous generation
- Integrated dual cooling system provides increased robustness and consistent performance
- Supports to improve overall cost-effectiveness through higher product lifetime, extended oil change and service intervals
- Features compact design and light weight
- Provides excellent driving performance with fast gearshifts
- Enables a smooth and comfortable driving experience





Technical Features

- Provides an optimized torque converter design with forged converter cover able to achieve up to 2,000 Nm engine torque
- Integrates the transmission heat exchanger in the retarder heat exchanger made of corrosion-resistant stainless steel, while eliminating the aluminum water tank
- Provides greater resistance to poor coolant quality
- Reduces weight up to 20 kg compared to its previous generation
- Features a new torsional damper with larger torsion angle and progressive characteristic curve
- Provides lower shifting speeds to improve fuel efficiency
- Contributes to lower vibration and noise level
- Offers various software functions helping to further improve fuel economy

The ZF Difference

- Enables a smooth, quiet and comfortable driving experience
- Provides up to 3% fuel and CO₂ savings compared to previous generation, improving both fuel efficiency and environmental footprint
- Comes with robust design to help optimize vehicle uptime

For further product details contact your sales representative.
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About Us

ZF is a global technology company supplying systems for passenger cars, commercial vehicles and industrial technology, enabling the next generation of mobility. ZF allows vehicles to see, think and act. In the four technology domains of Vehicle Motion Control, Integrated Safety, Automated Driving, and Electric Mobility, ZF offers comprehensive product and software solutions for established vehicle manufacturers and newly emerging transport and mobility service providers. ZF electrifies a wide range of vehicle types. With its products, the company contributes to reducing emissions, protecting the climate and enhancing safe mobility. With some 165,000 employees worldwide, ZF reported sales of €43.8 billion in fiscal 2022. The company operates 168 production locations in 32 countries.

ZF's Commercial Vehicle Solutions (CVS) division is helping shape the future of commercial transportation ecosystems. Our mission is to be the preferred global technology partner to the commercial vehicle industry. Powerfully combining ZF's commercial vehicle systems expertise, extensive technology portfolio and global operations, the division serves the full commercial vehicle industry value chain. As the automotive industry progresses towards an increasingly autonomous, connected, and electrified (ACE) future, ZF's CVS division innovates, integrates and supplies components and advanced control systems that help make commercial vehicles and fleets operate more safely and sustainably. CVS unites ZF's former Commercial Vehicle Technology and Commercial Vehicle Control Systems divisions, the latter being formed following ZF's acquisition of WABCO in Spring 2020.