



Cummins Clean Fuel Technologies introduces lightweight Type 4 CNG tank for heavy-duty truck applications

May 4, 2026

ROANOKE, Texas — Cummins Clean Fuel Technologies (CCFT) today announced a new internally designed and manufactured Type 4 compressed natural gas (CNG) tank developed to integrate seamlessly within CCFT fuel delivery systems for heavy-duty natural gas trucks. The tank will be introduced at the Advanced Clean Transportation (ACT) Expo, reinforcing CCFT's continued investment in scalable, vertically integrated and high-performance fuel delivery systems for commercial vehicle applications.

Developed specifically for heavy-duty operations, the new tank features a fully carbon fiber-wrapped polymer liner engineered to reduce system mass while supporting the durability, lifespan, and integration demands of Class 6-8 applications. Designed as a critical element of CCFT fuel delivery systems, the tank enables optimized packaging, simplified installation, and improved vehicle efficiency.

"Fleets continue to evaluate natural gas as a practical and cost-effective pathway to lower emissions while weight and system efficiency remain critical considerations," said Mike Zimmerman, President of Cummins Clean Fuel Technologies. "This new Type 4 CNG tank reflects CCFT's focus on vertically integrated solutions that combine seamlessly into complete fuel systems while supporting payload capacity, uptime and long-term performance in demanding heavy-duty applications."

Designed for heavy-duty performance

The Type 4 CNG tank incorporates a fully carbon fiber-wrapped polymer liner construction with stainless steel bosses designed to enhance structural strength and long-term durability. The lightweight design supports increased payload potential and improved vehicle efficiency while meeting the performance requirements of heavy-duty truck applications.

Key features include:

- Fully carbon fiber-wrapped polymer liner construction
- Stainless steel bosses for strength and durability
- Seamless integration with CCFT fuel delivery systems
- Design optimized for heavy-duty truck applications

The cylinder is designed, manufactured, tested, and qualified to meet the requirements of U.S. Department of Transportation (USDOT), National Highway Traffic Safety Administration (NHTSA) Federal Motor Vehicle Safety Standard (FMVSS) No. 304, and CSA/ANSI NGV 2:2023.

Customer-focused benefits

The new tank is designed to deliver tangible value for fleets and OEM partners through system-level optimization and simplified integration.

Customer benefits include:

- Corrosion-resistant plastic liner for extended service life
- Optimized integration within CCFT fuel delivery systems for simplified installation
- Proven engineering built on advanced composite technology
- Durability and performance to meet demanding operating conditions

Decades of expertise and composite leadership combine

The new Type 4 CNG tank further supports Cummins' expanding natural gas portfolio for heavy-duty trucking, including the Cummins X15N natural gas engine. Designed as part of an integrated fuel delivery approach, CCFT systems play a critical role in enabling natural gas powertrains that help fleets reduce operating costs and emissions while maintaining the performance, range and reliability required for demanding applications.

Development of the new Type 4 CNG tank includes technology sharing from NPROXX, a Cummins wholly owned division and a global leader in composite pressure vessel design and manufacturing. With more than 40 years of experience, NPROXX brings deep expertise in high-pressure composite technologies across transportation, industrial and alternative energy applications.

The tank is manufactured at CCFT's facility in the Dallas-Fort Worth region, supporting localized production, quality control and alignment with CCFT's broader fuel system manufacturing strategy.

Cummins Clean Fuel Technologies is a joint venture between Cummins Inc. and Rush Enterprises, combining Cummins' natural gas engine leadership with system-level fuel delivery expertise to support the growing demand for natural gas solutions in the commercial vehicle market.

Attendees can learn more about CCFT's fuel delivery systems and the new Type 4 CNG tank at ACT Expo May 4-7 at ACT Expo Booth #2038.

For more information, visit cumminscleantech.com.

About Cummins Clean Fuel Technologies

Cummins Clean Fuel Technologies, headquartered in the Dallas-Fort Worth Metroplex, is the industry's first complete compressed natural gas (CNG) fuel system solution for Class 6-8 vehicles and is a strategic part of Cummins' Destination Zero initiative. It is a vertically integrated provider of fuel system solutions, featuring state-of-the-art engineering, design and manufacturing processes, complete system installation capabilities and the industry's most comprehensive sales, CNG parts and service network of more than 250 locations in the US and Canada. For more information, please visit www.cumminscleantech.com.

About Cummins Inc.

Cummins Inc., a global power leader, is committed to powering a more prosperous world. Since 1919, we have delivered innovative solutions that move people, goods and economies forward. Our five business segments—Engine, Components, Distribution, Power Systems and Accelera™ by Cummins—offer a broad portfolio, including advanced diesel, electric and hybrid powertrains; integrated power generation systems; critical components such as aftertreatment, turbochargers, fuel systems, controls, transmissions, axles and brakes; and zero-emissions technologies like battery and electric powertrain systems. With a global footprint, deep technical expertise and an extensive service network, we deliver dependable, cutting-edge solutions tailored to our customers' needs, supporting them through the energy transition with our [Destination Zero](#) strategy. We create value for customers, investors and employees and strengthen communities through our corporate responsibility global priorities: education, equity and environment. Headquartered in Columbus, Indiana, Cummins employs approximately 67,400 people worldwide and earned \$2.8 billion on \$33.7 billion in sales in 2025. Learn more at www.cummins.com.

About Rush Enterprises, Inc.

Rush Enterprises, Inc. operates the largest network of commercial vehicle dealerships in North America with more than 200 locations across the United States and Ontario, Canada. The company provides an integrated approach to meeting customer needs—from sales of new and used vehicles to aftermarket parts, service and body shop operations plus financing, insurance, and leasing and rental solutions. Rush Enterprises' operations also provide CNG fuel systems, telematics products and other vehicle technologies, as well as vehicle up-fitting, chrome accessories and tires. For more information, please visit www.rushenterprises.com.

Media Contacts:

Melinda Koski, External Communications Director
317-476-3293
melinda.koski@cummins.com

Drew Blair, Manager On-Highway Communications
812-900-3223
drew.blair@cummins.com