



Sustainability meets performance

The Cummins X15N natural gas engine is a game changer for heavy-duty trucking. We can now combine the substantial carbon reduction of renewable natural gas (RNG) with the performance needed for long-haul applications.



Powerful

With power ratings up to 500 hp, torque up to 1850 lb-ft, and 750+ mile range, the X15N boasts the performance and reliability of its diesel counterpart.



Accessible

Clean Energy has over 100 public-access RNG stations nationwide that can accommodate Class-8 trucks.



Ultraclean

RNG can reduce lifecycle carbon emissions by up to 300% versus diesel. The X15N meets stringent EPA emission requirements and CARB 2024 Low NO_x standards.



Affordable

RNG fuel price is extremely competitive with diesel and the total cost of ownership is dramatically less than battery-electric or fuel cell vehicles.



Convenient

Fueling with RNG is similar to diesel—in terms of both speed and ease of use.

Interested in testing out the X15N firsthand?

Our Peterbilt 579 demo truck is making its way across North America, stopping with prospective customers for a 2-week trial period.



To learn more, contact:

Reagan H. Clemens
949.437.1082
reagan.clemens@cleanenergyfuels.com



Peterbilt 579 & Cummins X15N

2025 Natural Gas Day Cab

DIMENSIONS

- Wheelbase 202"
- CA 127.90"

GCW

- 80,000 lbs.

CAB

- Aerodynamic 124" BBC aluminum cab
- SBFA Metton hood

ENGINE

- Cummins X15N: 500@1900, GOV@1900, 1850@1100
- Intebrate ISX/ISX15 furnished on engine

TRANSMISSION

- Eaton EHD-18F112C-N automated endurant 12-SPD, no cooler, natural gas only

FRONT AXLE

- Hendrickson Steertek NXT 13,200 lbs.
- PHP10 aluminum preset hubs: airdisc

REAR AXLE / SUSPENSION

- Mertitor MT40-14XHE 40,000 lbs.
- 3.08 rear axle ratio
- PB low air leaf 40,000 lbs., 52" as light weight

FUEL TANK

- Cummins Clean Fuel Technologies
- Diesel gallon equivalent: 175DGE
- Range 750+ miles

FRAME

- 10-3/4" steel rails to 354"
- 3/8" rail thickness
- Jost JSK37 fifth wheel top plate 36" air slide
- EOF tractor tapered with crossmember, including kingpin cutout

TIRES

- FF: MN 16ply 295/75R22.5 X Line Energy Z ETRTO
- RR: MN 14ply 275/80R22.5 X Multi Energy D qty 8

WHEELS

- Front: Alcoa ULA187 22.5 x 8.25 high polish
- Rear: Alcoa ULA187 22.5 x 8.25 high polish qty 8

BRAKES

- Air disc rear brakes, tandem drive axle

PAINT

- Cab: Axalta 1317 EB green
- Frame: Black
- Bumper: Aero bumper, steel 3-piece, bright finish

CAB INTERIOR

- Peterbilt semi truck driver & non-adjustable passenger seat
- Drivers armrest: RH only
- Passenger armrest: LH only
- Premium steering wheel with multi function
- Premier interior: sterling gray
- Concertclass, AM/FM, WB, 3.5 aux midlevel speaker package for cab (4) speaker bluetooth phone & amp
- Combo fresh air heater/conditioner
- Peterbilt aero rear view mirror, motorized

CAB EXTERIOR

- Stainless steel outside sunvisor
- Removable bugscreen behind grille
- 18" cab side extenders, includes 6.5" rubber flares
- 5 marker lights, aero LED on roof, visor, or fairing
- LED fog/driving lights recessed in bumper



Shifting carbon into reverse.