

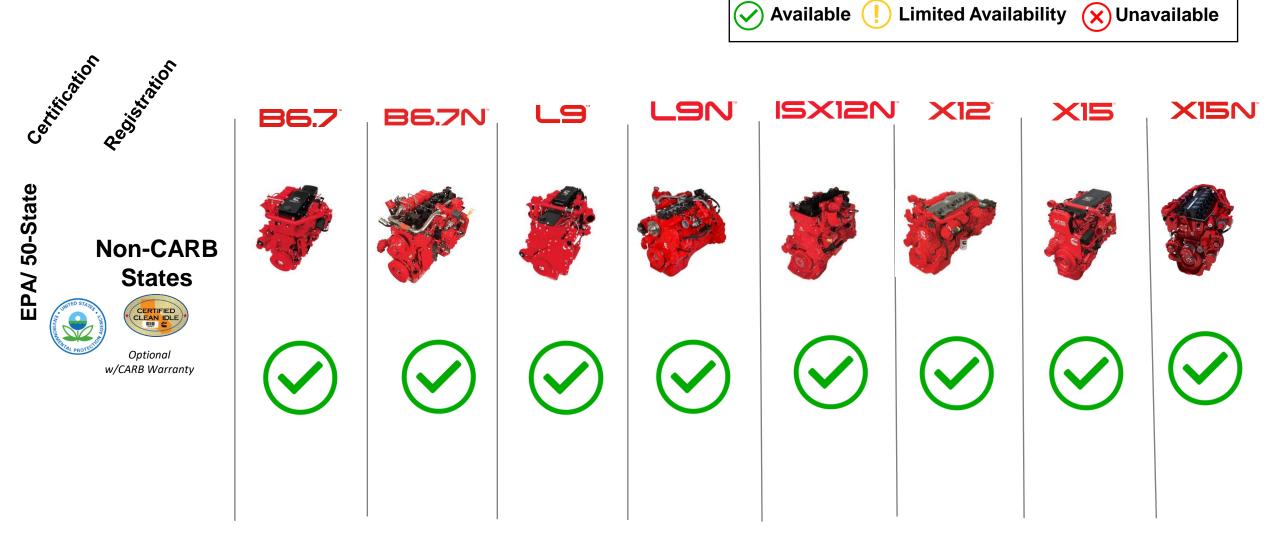


Cummins Future Product Update

TJ Bilkhu

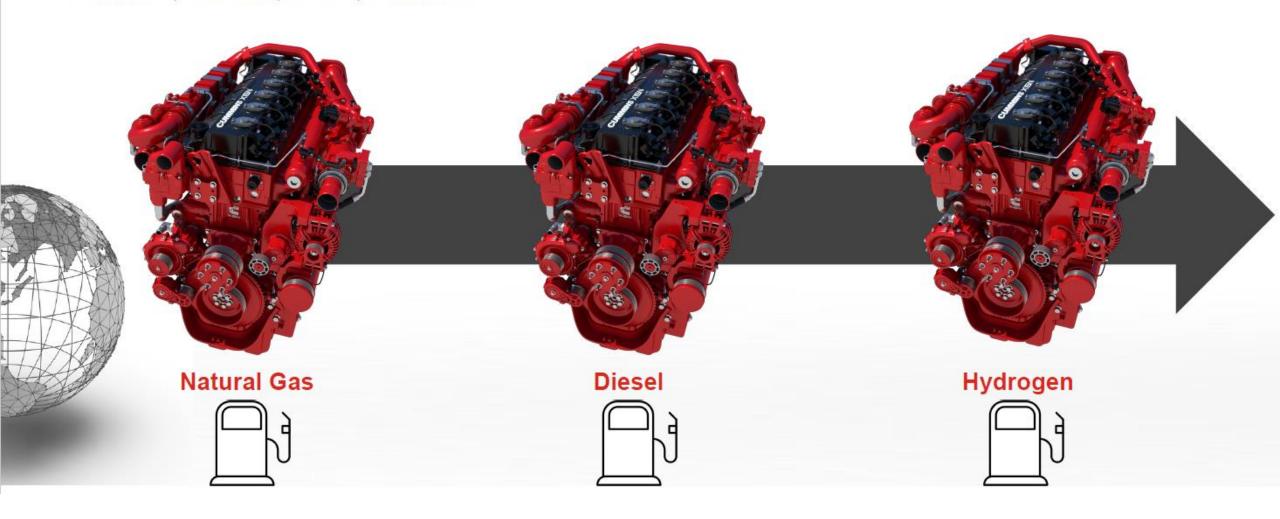
On-Highway Sales Account Executive

Cummins Powered Availability in 2024



Global Platform: Fuel Agnostic

Reliable | Durable | Scale | Common



Product Lineup

Natural Gas Gasoline **Advanced Diesel** Hydrogen **Propane X15N**, L9N and B6.7N **X15**, X12, L9, B6.7 **B6.7 Octane B6.7 Propane** Developing & Testing: X15H, and B6.7H H2 D NG G P

CUMMINS 15L NATURAL GAS POWERTRAIN

THE FUTURE OF HD NATURAL GAS POWER

PURPOSE BUILT FOR LONG HAUL TRUCKING

- Up to a 10% Fuel Economy/GHG improvement over ISX12N
- 15L Diesel matching ratings up to 500hp & 1850 lb-ft of torque
- 13L & 15L Diesel application targeted
- Reduced package size Similar footprint as today's 13L diesel engines
- Reduced engine weight
 - 500+ lbs less than current 15L diesel
 - 200 lbs lighter than the current ISX12N
- Integration with:
 - Cummins Fuel Delivery System
 - Endurant transmission



Cummins B6.7 Propane



Diesel-Like Performance

Built on the legendary Cummins B6.7 platform, it can handle the toughest jobs with up to 360 hp and 860 lb-ft of torque



Parts Compatibility

Shares a majority of parts and components with the Cummins B6.7 diesel model



Serviceability

No DEF fluid or regens needed and oil drain intervals 1.5-3x longer than similar engines from other brands

Duty cycle dependent



Cummins B6.7 Octane



Diesel-Like Performance

Built on the legendary Cummins B6.7 platform, it's built to perform like a diesel engine with up to 325 hp and 660 lb-ft of torque



Parts Compatibility

This engine shares a majority of all its parts and components with the B6.7 diesel model



Serviceability

With low complexity air handling, no aftertreatment, required DEF or active regens needed, maintenance is simplified





Appendix

Cummin Clean Technologies

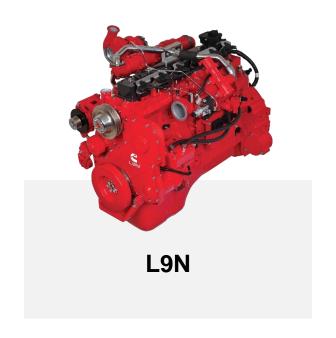
- Tailgate Mount System
- Front of Body System
- Side Mount System
- Roof Mount System







L9/PX9 Series Portfolio 2024







WHY NATURAL GAS?

Natural gas engines help lower emissions and reduce a vehicle's overall environmental impact without sacrificing the performance needed to get the job done.

The Cummins B6.7N, L9N and ISX12N set the standard for natural gas engine performance and reliability while offering near-zero emissions.

- NOx levels 90% below current EPA standards
- Particulate Matter levels 90% below current EPA standards
- CO equivalents 16% below current EPA standards
- Can achieve sub-zero emissions when using renewable natural gas (RNG)

Natural gas engines are also the most mature, proven and least disruptive alternative power technology available today.

NEWS @ Cummins





