

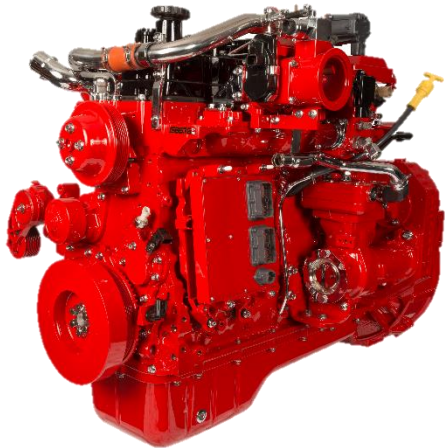
Cummins Update

Seth Green

August 17, 2017

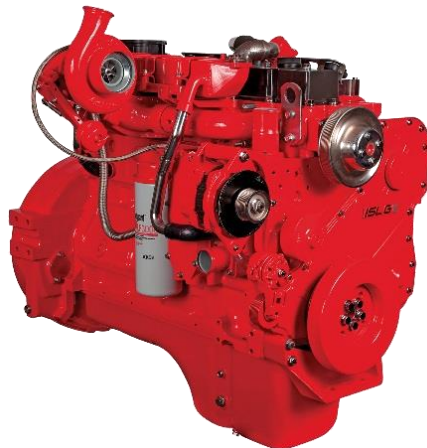


Cummins Natural Gas Engines



B6.7N

0.10 g NOx certified
RNG compatible



L9N

Near Zero certified
RNG compatible



ISX12N

Near Zero in 2018
RNG compatible

Renewable Diesel



- Fuel meeting EN15940 (paraffinic) specification
- Approved in April 2017 for all vintages of engines up to 9 liters displacement, on-highway and off-highway.
 - B5.9 / ISB / ISB6.7 / B6.7
 - C8.3 / ISC / ISL / ISL9 / L9
- Fuel economy decrease by up to 6% due to lower energy content compared to regular diesel
- Higher displacement engines under evaluation