



Leading Fuel Economy.

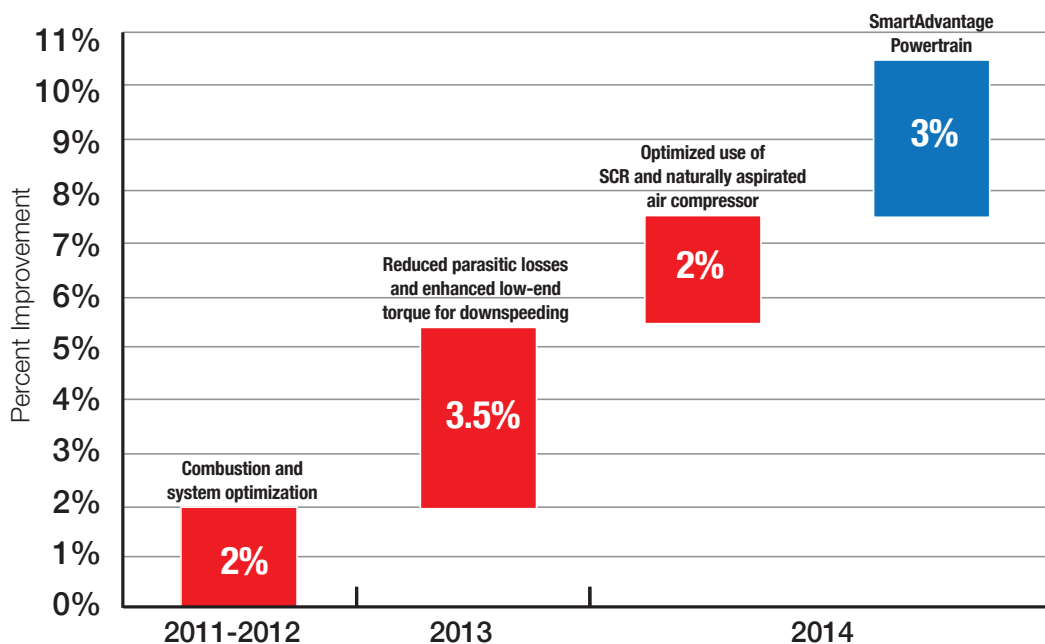
ISX15 400-475 hp (298-354 kW).

2013 ISX15 Is The Fuel Economy Leader.

- Integrated Powertrain
 - Market-leading fuel economy
- Manual Transmission
 - Comparable to or better fuel economy than any engine in the market
- 15L provides architecture flexibility, with the highest compression ratio in the industry
- 15L enables broader power/torque curves
- Superior driveability at low rpm
- Better match for line-haul duty cycles
- ISX15 sweet spot is 1000-1300 rpm
- Gearing, 65 mph:
 - Conventional at 1260-1400 rpm
 - SmartAdvantage™ at 1150-1250 rpm
- 12L/13L can produce comparable power, but is not as fuel efficient at a lower rpm

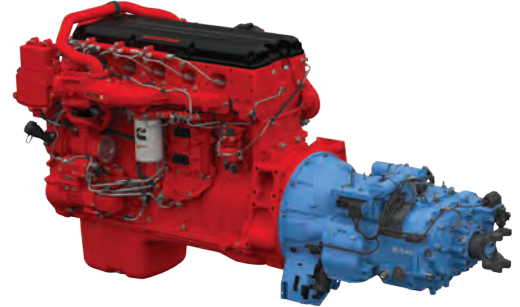
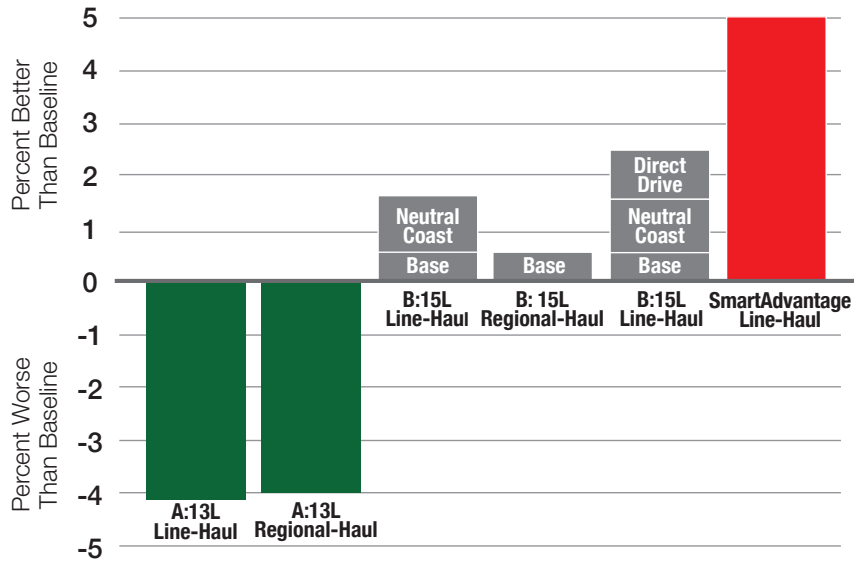


Continuous Improvement Delivering Up To 10% Better MPG Than 2010 ISX15.



Baseline is 2010 fuel economy.
Note: Fuel economy is influenced by many factors. Actual mpg gains may vary.

As depicted in this chart where the ISX15 Eaton® UltraShift® PLUS is the baseline, aerodynamically efficient tractors powered by the Cummins and Eaton SmartAdvantage Powertrain have demonstrated better fuel economy than other 2013 integrated powertrain packages.



Competitor A was powered by a 2013-compliant engine.
 Competitor B was powered by a 2014 greenhouse gas (GHG)-compliant engine.

Based on a controlled fuel economy evaluation of SAE Type-IV versus an integrated powertrain competitor, the ISX15 SmartAdvantage, along with the naturally aspirated air compressor and optimized Selective Catalytic Reduction (SCR), delivers up to 3% better mpg in a typical line-haul duty cycle.

Truck Spec	ISX15 SmartAdvantage™	Competitor
Chassis	2014 Chassis 6x4 Sleeper Aero Package	2014 Chassis 6x4 Sleeper Full Aero Package
Engine	2013 ISX15 SmartTorque2 2014 GHG-certified 450 hp @ 1800 rpm 1550-1750 lb-ft @ 1000 rpm	15L 2014 GHG-certified 455 hp @ 1800 rpm 1650 lb-ft @ 1100 rpm
Axle Ratio	2.64	3.23
Transmission	10-speed AMT Fuller® Advantage™ Overdrive top gear 0.80	12-speed AMT Overdrive top gear 0.78
Tire	Michelin® XZA3+ 275/80R22.5 with 513 rev./mile	
GCW (lb)	66,000	
rpm @ 62 mph cruise	1,117	1,333



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