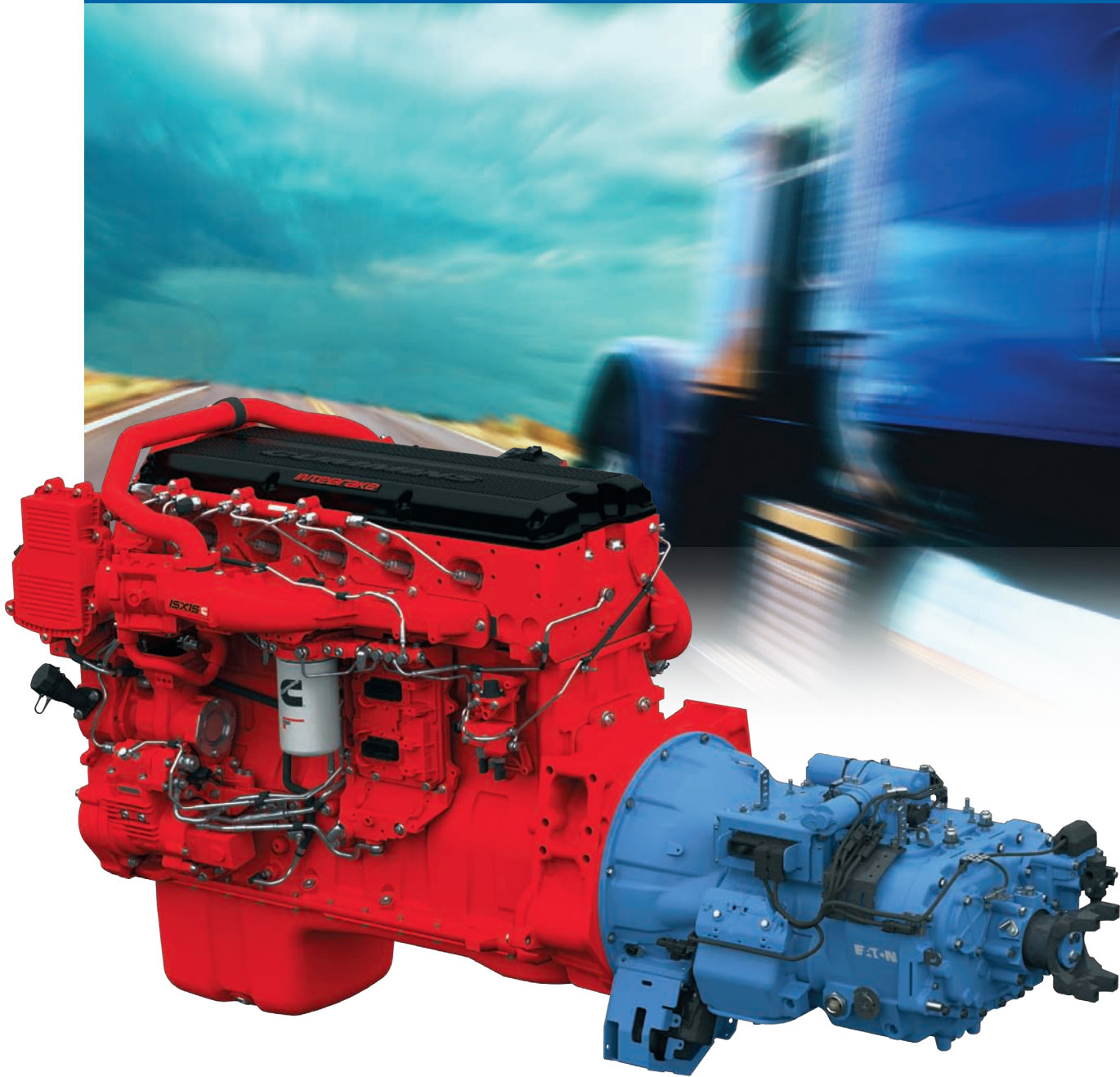
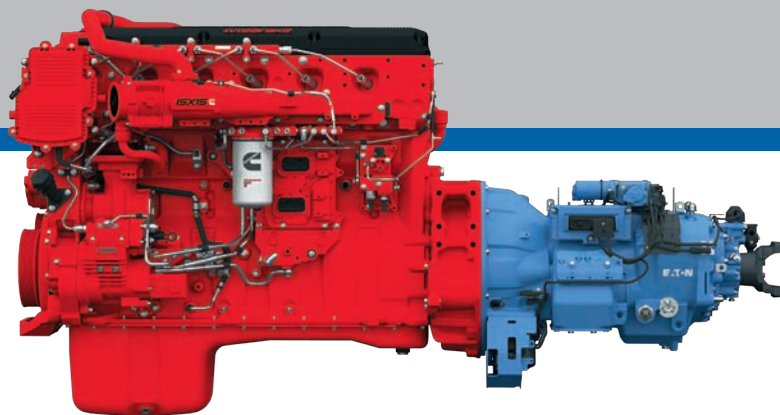


ISX15 SmartAdvantage™ Powertrain.

The Smart Way To Get Better Fuel Economy.



Two Powerhouses. One Powertrain.



More Power. More Choices. More Savings.

Cummins, the leading diesel engine manufacturer, and Eaton®, the leader in heavy-duty transmissions, have joined forces to bring you the SmartAdvantage™ Powertrain.

This totally integrated unit takes the efficiency of Cummins ISX15 with SmartTorque2 (ST2), and combines it with the smooth-shifting Eaton Fuller Advantage® 10-speed automated transmission, for 3-6% better fuel economy. The engine and transmission share critical data, determining the torque required to deliver the power level that drivers need.

Cummins ISX15 With SmartTorque2.

ST2 automatically senses vehicle weight, grade and operating gear, then selects the optimum torque for the best combination of fuel economy and performance. The close-step ratio, combined with ST2, provides a balance of performance, delivering power when conditions demand it, such as steep road grades, heavy loads and cruise speeds above 65 mph (105 kph).

The ISX15 SmartAdvantage comes with Vehicle Acceleration Management (VAM) enabled. This unique electronic feature maintains a more consistent acceleration rate and more efficient transition through the gears, reducing driveline wear and adding fuel savings.

Eaton Fuller Advantage 10-Speed Automated Transmission.

Features of the Eaton Fuller Advantage 10-speed automated transmission include the strategic use of lightweight components and Precision Lubrication. Small-step technology enables downspeeding in overdrive and efficiency in direct drive. Optimized shifting is based on grade, vehicle weight, engine torque and throttle position.

Fuel economy is further enhanced through Precision Lubrication, which reduces churning losses and eliminates the need for a cooler in applications up to 80,000 lb (36,287 kg) gross combination weight (GCW). This reduces weight and increases reliability.

Better Peace Of Mind.

Cummins base warranty for the ISX15 engine is 2 years/250,000 miles (402,336 km), and includes parts and labor on warrantable failures for the engine and aftertreatment system, with no deductible. A wide variety of extended coverage plans are available. The Fuller Advantage Series transmission is warranted for 5 years/750,000 miles (1,207,008 km) when using PS-164 Rev 7 oil. The Advantage Series clutch is warranted for 3 years/350,000 miles (563,270 km). Extended protection plans are also available.

ISX15 SmartAdvantage Powertrain Ratings

Transmission	Engine	Power hp (kW)	Peak Torque lb-ft @ rpm (N•m @ rpm)
Eaton FAOM-14810S-EC3	Cummins ISX15 400SA	400 (298)	1450/1650 @ 1000 (1968/2240) @ 1000
Eaton FAOM-15810S-EC3	Cummins ISX15 400SA	400 (298)	1550/1750 @ 1000 (2103/2375) @ 1000
Eaton FAOM-15810S-EC3	Cummins ISX15 420SA	420 (313)	1550/1750 @ 1000 (2103/2375) @ 1000
Eaton FAOM-15810S-EC3	Cummins ISX15 450SA	450 (336)	1550/1750 @ 1000 (2103/2375) @ 1000

Total Confidence. Everywhere.

The combined support networks of Cummins and Eaton mean that service is available almost anywhere. Cummins ISX15 is supported through Cummins network of distributors and dealers, and the Eaton Fuller Advantage Series automated transmission is backed by the Roadranger® network.

Learn more at SmartAdvantagePowertrain.com.



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