

Allison Delivers 5% Better Fuel Economy Vs. Eaton Procision®



The Results Speak For Themselves

Two equally spec'd class 7 trucks were tested by a certified, third-party at an independent testing facility in West Texas. One truck had an Allison 2500 Series™ automatic transmission with FuelSense® technology. The other had an Eaton Procision® dual clutch transmission (DCT). After extensive testing, the truck with the Allison transmission proved itself the clear winner.

	Allison With FuelSense®	Eaton Procision®	Difference
Annual Mileage	50,000	50,000	Same
Fuel Price	\$2.60 Gal	\$2.60 Gal	Same
Fuel Economy	7.08 MPG	6.74 MPG	5% Better
Fuel Per Year	7,065 Gals	7,418 Gals	353 Gals
Fuel Cost Per Year	\$18,369	\$19,288	\$918.47 Savings



For a more in-depth review of the testing and results, see the other side of this flyer.

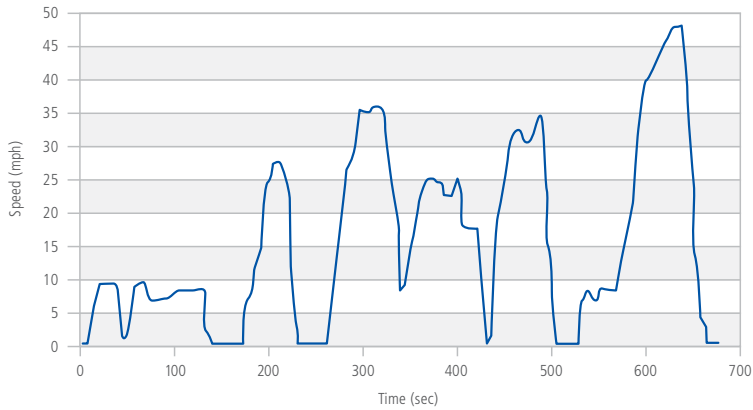


The Facts Tell The Story

Testing used the independent September 2015 revision of the SAE J1526 SAE Fuel Consumption Test Procedure (Engineering Method). This testing method has been specifically developed for the trucking industry to analyze fuel consumption on two of the most common duty-cycles: the ARB Heavy Heavy-Duty Diesel Truck (HHDDT) cycle and the ARB Urban Dynamometer Driving Schedule (UDDS) cycle.

- These duty-cycles are typical of distribution, school bus or general purpose use for medium-duty vehicles
- To ensure consistency, drivers drove the vehicles at the same speeds and switched vehicles through multiple testing phases
- Vehicles ran 36 HHDDT and 24 UDDS cycles to ensure the fuel economy difference with over 95% confidence

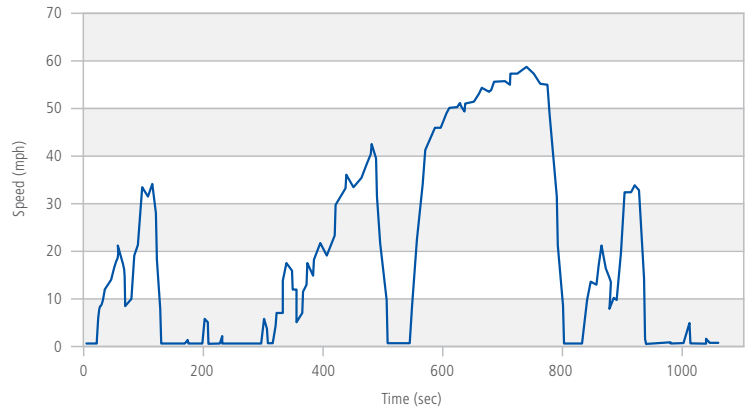
ARB Heavy Heavy-Duty Diesel Truck (HHDDT) Cycle



Results

Allison = 6.86 MPG
 Procision® = 6.53 MPG
Difference = Allison Delivers 5.0% Better Fuel Economy

ARB Urban Dynamometer Driving Schedule (UDDS) Cycle



Results

Allison = 7.08 MPG
 Procision® = 6.74 MPG
Difference = Allison Delivers 5.1% Better Fuel Economy

Same Trucks, Different Transmissions

Specifications

Allison With FuelSense®

Eaton Procision®

Year	2017	2017
Make	International	International
Model	4300 SBA 4x2	4300 SBA 4x2
VIN	1HTMMMML3HH475210	1HTMMMML8HH674592
Classification	Class-7	Class-7
GVWR	33,000 lbs.	33,000 lbs.
Total Vehicle Weight As Tested	25,740 lbs.	25,680 lbs.
Engine	Cummins ISB 250	Cummins ISB 250
Horsepower	250 at 2,400 RPM	250 at 2,400 RPM
Front Axle	Dana Spicer E-10021	Dana Spicer E-10021
Rear Axle	Dana Spicer 230605H (5.57 Ratio)	Dana Spicer 230605H (5.57 Ratio)
Front Tires	Goodyear 11R22.5 G661 HSA	Goodyear 11R22.5 G661 HSA
Rear Tires	Goodyear 11R22.5 G572A LHS Fuel Max	Goodyear 11R22.5 G572A LHS Fuel Max

Transmission

Allison 2500-RDS-P

Eaton Procision® EDCO-6F107A

Torque lb-ft (N•m)	660 lb-ft at 1600 RPM (895)	660 lb-ft at 1600 RPM (895)
Effective Ratio Coverage	10.41*	10.16
Forward Speeds	6	7
Transmission Weight lb (kg)	323 (147)	364 (165)
Production Location	USA	Mexico

*Includes torque converter ratio



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