

ON THE HIGHWAY OR IN THE CITY, AMSOIL SYNTHETIC LUBRICANTS **INCREASE FUEL ECONOMY** IN DIESEL TRUCKING APPLICATIONS¹

ANNUAL SAVINGS ON FUEL PER TRUCK

	City Driving ²	Highway Driving ³
ONE TRUCK x1	\$642	\$4,896
10 TRUCKS x10	\$6,420	\$48,960
50 TRUCKS x50	\$32,100	\$244,800



THE SWITCH TO SYNTHETIC

The greatest increase in city fuel economy occurs when changing a truck's engine, transmission and differentials to AMSOIL synthetic lubricants. But even just switching from conventional motor oil to AMSOIL 5W-40 Premium Synthetic Diesel Oil results in a **2.38% increase in fuel economy.**



**JUST ENGINE OIL
2.38%
Increase in Fuel Economy**



¹ Based on SAE tests conducted on class 8 diesel trucking applications.

² Based on 31,200 miles/yr. and an increase in fuel economy from 6 mpg to 6.19 mpg (3.15% increase). Based on average U.S. on-highway diesel fuel price.

³ Based on 120,000 miles/yr. and an increase in fuel economy from 6 mpg to 6.39 mpg (6.54% increase). Based on average U.S. on-highway diesel fuel price.

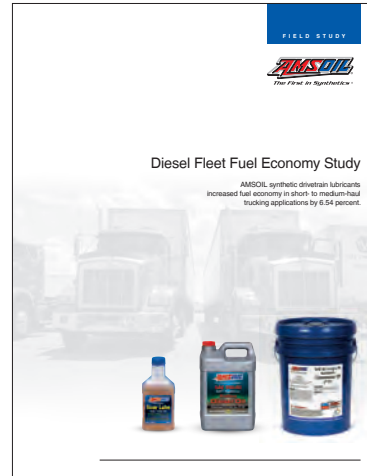
Testing Performed

Using industry-standard testing, AMSOIL determined the fuel economy benefits of its synthetic lubricants compared to conventional lubricants in diesel trucking applications.

Highway Driving

- Followed SAE J1321 (TMC RP-1102) In-Service Fuel Economy Test Procedure methodology
- Featured two nearly identical Kenworth® T800B diesel trucks and 53' trailers from Ford® Motor Company's* Rawsonville, Mich. fleet
- Determined that AMSOIL synthetic motor oil, transmission oil and gear lube increase fuel economy compared to Chevron's Texaco® conventional lubricants
- Real-world on-highway driving conditions
- Data downloaded from vehicles' on-board engine control modules (ECMs)
- Results of SAE J1321 (TMC RP-1102) In-Service Fuel Economy Test Procedure prove a 6.54 percent increase in fuel economy using AMSOIL synthetic lubricants

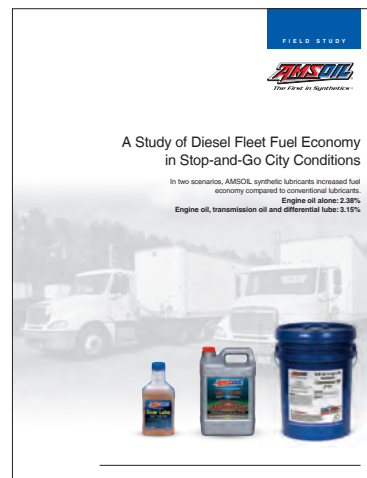
* The participation of Ford's fleet does not reflect an endorsement of AMSOIL INC. or AMSOIL products.



Complete details of this study are available in the Diesel Fleet Fuel Economy Study (G2904) available from your AMSOIL Dealer.

City Driving

- Followed SAE J1376 Fuel Economy Measurement Test (Engineering Type) for Buses and Trucks methodology
- Conducted by personnel from Auburn University's Program for Advanced Vehicle Evaluation (PAVE)
- Two nearly identical Freightliner® Columbia diesel trucks and 48' trailers from Auburn University's National Center for Asphalt Technology (NCAT) Pavement Test Track
- Determined that AMSOIL synthetic motor oil, transmission oil and gear lube increase fuel economy compared to Chevron conventional lubricants
- Real-world city driving conditions conducted on a controlled test track
- Weighed portable fuel tanks to determine fuel consumption
- Results of SAE J1376 Fuel Economy Measurement Test (Engineering Type) for Buses and Trucks prove a 3.15 percent increase in fuel economy using AMSOIL synthetic lubricants and a 2.38 percent increase using AMSOIL synthetic motor oil alone



Complete details of this study are available in the Diesel Fleet Fuel Economy in Stop-and-Go City Conditions Study (G3086) available from your AMSOIL Dealer.



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