

Mobil Diesel Efficient™

Designed to help prevent fuel gelling and keep your fleets moving

Keep reading to learn how a school bus fleet prevented fuel gelling issues.

Mobil Diesel Efficient™ fuel offers*:

- Improved engine power
- Improved fuel economy
- Decreased downtime
- Decreased maintenance cost
- Reduced emissions
- Meets ASTM D975 specifications



Dirty

Clean

Injector spray pattern (illustration purposes only)

A more even spray pattern for improved combustion with less CO₂ emissions and particulate matter.

*Applies to Diesel Efficient-branded fuel compared to diesel fuel without detergent additive. Actual benefits and fuel economy will vary depending on factors such as vehicle/engine type, engine conditions, operating conditions and diesel fuel previously used.

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Proof of performance

School Bus Fleet

Saving with fully formulated diesel fuel

Situation

A school bus fleet outside Detroit, Michigan is responsible for transporting 4,500 students, even on bitter cold winter days. This fleet of 45 Thomas buses with Cummins engines with no more than 10 years of operation are stored outside and have thirty feet of exposed fuel rails. They suffer fuel gelling issues winter over winter even when splash blending a cold flow improver. Prior to using an after market additive, they had mixed in the more expensive Kerosene at a 70/30 ratio for over ten years with success until the OEM stated it would void the warranty. The transportation manager was looking for alternatives that could help him reliably transport the students through the winter months and reduce his repair costs.

Solution

The transportation manager decided to try winterized Mobil Diesel Efficient fuel at the end of December 2020 as schools started to open up again, upon the recommendation of Scott Holman, his sales rep of 20 years and now at Corrigan Oil. He called Scott on a bitter cold morning in February when the temperature had been at -15 degrees F with wind chill of -22 degrees F for over three days. Scott braced himself for a full report of fuel gelling issues, but the transportation manager called to happily announce that he had gone into work nearly two hours early fully expecting to address fuel gelling problems only to find a fully operational fleet. The winterized

Mobil Diesel Efficient fuel, fully formulated diesel fuel with a detergent additive package and cold flow improver injected at the terminal, had successfully helped prevent fuel gelling issues during that cold snap and throughout the remaining winter months.

Impact/Results

Even though school was cancelled the day the transportation manager called Scott, he no longer worried about school buses having fuel gelling issues and students waiting in freezing temperatures. Furthermore, he no longer had to worry about incurring the costs of two mechanics when a bus experienced fuel gelling issues while out on the road, towing the bus back for repair, fuel testing, applying diesel 911, changing out filters and more. The parents and kids also could count on their school bus to reliably transport them to and from school even on bitter cold days. No more waiting at the bus stop with chattering teeth wondering if the bus will ever show up!

\$2.5k

*Annual savings**

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This Proof of Performance is based on the experience of a single customer. Actual benefits will vary depending on factors such as vehicle/engine type, engine conditions, driving style and diesel fuel previously used.

*Estimated annual savings due to elimination of fuel gelling associated maintenance issues.

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Mobil™

Performance by **ExxonMobil**