

CONCLUSION

The trial demonstrated **clear benefits** of Garrow Oil's **MAXX DIESEL Premium Fuel** in **reducing manual regenerations, boosting fuel economy, and significantly improving overall mileage performance** for all three trucks.

By addressing diesel quality concerns and idle inefficiencies, the fleet achieved **smoother performance, reduced downtime, and cost savings**. These findings serve as a strong foundation for broader implementation and further optimization in similar fleet operations.

NOT ALL DIESEL
IS THE SAME...
**MAXX DIESEL PREMIUM
FUEL IS SPECIFICALLY
FORMULATED TO MEET AND
EXCEED YOUR DEMANDS.**

- ▶ Family Owned and Operated
- ▶ Customer Service Focused
 - ▶ Competitive Pricing
- ▶ Proprietary Premium Diesel Fuel



MAXX DIESEL Premium Fuel
is a proprietary premium diesel fuel
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GO-TO FUEL SUPPLIER
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You've asked, and after extensive trials, we're proud to introduce a cutting-edge Diesel Fuel designed specifically to increase fuel efficiency, reduce DPF regens and optimize engine performance.

MAXX DIESEL IS THE BEST CHOICE FOR YOU!



BACKGROUND

In Appleton, Wisconsin, three trucks were undergoing excessive **regeneration cycles** due to declining diesel fuel quality and prolonged **high idle times**. These factors contributed to increased maintenance needs and inefficiencies, negatively impacting fuel economy and overall fleet performance.

TRIAL OBJECTIVE

The goal of the trial was to track vehicle data before and after **introducing MAXX DIESEL PREMIUM FUEL**, specifically designed to **reduce manual regeneration frequency** while improving fuel efficiency.

FINDINGS & KEY RESULTS

REDUCED MANUAL REGENERATION CYCLES

- Prior to implementing the new additive package, **manual regeneration events were more frequent**, requiring intervention and downtime.
- After the additive package was introduced, **manual regenerations decreased significantly**, leading to smoother operations and less engine strain.
- **Manual regeneration time was greatly reduced**, on average, 2 over the course of 3 weeks to 0 manual regens over 3 weeks with the new additive package.
- **Manual regeneration time was greatly reduced**—previously averaging **1 hour and 50 minutes over 3 weeks**, dropping to **0 minutes over 3 weeks** with the new additive package.



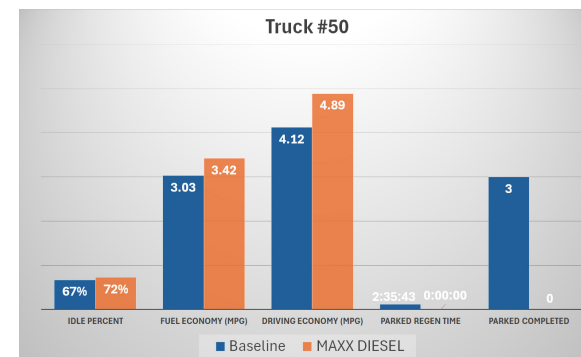
FUEL ECONOMY IMPROVEMENT

- Fuel economy saw a **measurable increase**, reflecting the **effectiveness of the new diesel fuel additive package** in optimizing combustion. **Overall mileage increased by an average of 12%**, showing substantial improvements across all trip distances.
- **Driving fuel economy also improved**, indicating better overall efficiency and reduced fuel waste. **Driving mileage saw an average increase of 11.78%**, highlighting the enhanced fuel efficiency of the additive package during active driving conditions.



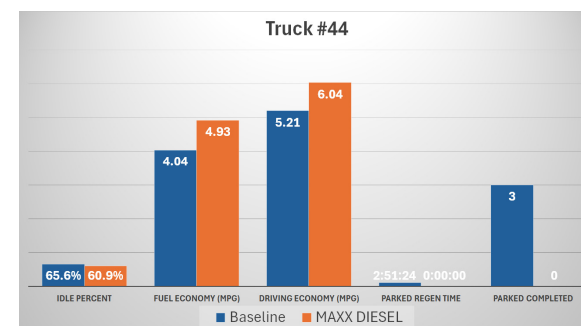
IDLE IMPACT & EFFICIENCY GAINS

- High idle time had been a major contributor to excessive soot buildup, forcing regens more often than expected.
- After incorporating the additive package, idle-related inefficiencies were mitigated, contributing to **reduced fuel waste** and fewer unnecessary regenerations.



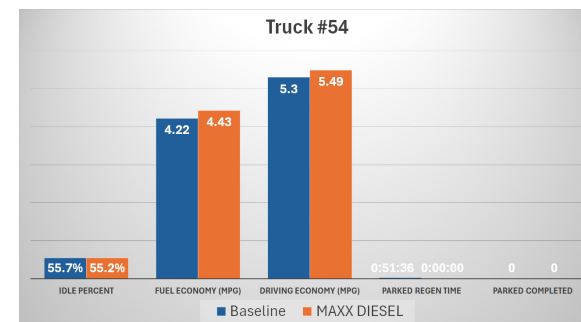
Fuel Economy: 12.09%
Average Idle %: 69.5%
Parked Regen Time: 197% reduction

Driving Economy: 17.09%
Parked Regen Reduction: 200%



Fuel Economy: 19.84%
Average Idle %: 63.2%
Parked Regen Time: 200% reduction

Driving Economy: 14.75%
Parked Regen Reduction: 200%



Fuel Economy: 4.85%
Average Idle %: 55.4%
Parked Regen Time: 199% reduction

Driving Economy: 3.52%
Parked Regen Reduction: 0%