



# FUEL BLENDING GUIDELINES

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Properly blending diesel fuel during cold weather is critical to maintaining your engine's performance, preventing fuel gelling, and avoiding unnecessary downtime. The blend of **#1 diesel** (kerosene) and **#2 diesel** (standard diesel) ensures the fuel remains usable in freezing conditions. However, it is important to understand that blending with #1 diesel reduces power, decreases performance, and poorer fuel mileage which will affect your fuel efficiency rating.

To prepare for emergencies on the road, we advise that you always carry 1 gallon of gasoline and 1 gallon of diesel with you during the winter months. If you are unable to locate #1 diesel, the gallon of gasoline can be used as a treatment for up to 200 gallons of diesel half a gallon in each tank. **Important, never put gasoline in your reefer unit—this method only works for the tractor.** The spare gallon of diesel allows you to prime your system and change your fuel filter on the road without the need to siphon fuel from your tank.

Additionally, it's good practice to always carry a **spare fuel filter**. Cold weather can cause wax buildup in fuel, leading to clogged filters that need to be replaced quickly. Being prepared can save you significant time, reduce stress, and help you get back on the road safely.

The chart below provides clear guidance for blending fuel based on tanks that hold 100 gallons each. If at any point you have questions or are unsure of how to proceed, **contact dispatch immediately for assistance.**

