



RED ALERT Strategies

Extended Shutdown and/or Extreme Overnight RED ALERT Strategy

⇒ Proactive treatment

For Extended Shutdown and/or Extreme Overnight temperature conditions extending 12-72 hours

⇒ Expected overnight ambient temps of 0°F and below.

1. Add RED ALERT directly to the saddle tank at a treatment level of one 32 OZ. bottle per 50 gallons of diesel fuel
2. Overall RED ALERT treatment ratio should not exceed one 32oz. Bottle of RED ALERT per 50 gals. of diesel fuel.
3. Idle or run engine for 10 to 15 minutes to ensure all fuel and the filter are treated
4. Then it is imperative that operator let engine idle for an additional 30-45 minutes before leaving the yard. This will allow warm fuel to return to fuel tanks and vital engine components and dissolve any wax or ice left in fuel. If adequate warm up time is not allowed, heavy waxy fuel will load up fuel system and engine will shut down due to fuel starvation.

⇒ Reaction to gelled fuel

Morning of operation before equipment is started if fuel appears to be gelled

1. Remove the fuel filter and saturate it with the contents of one 32 oz. bottle of RED ALERT, and then reinstall the filter.
2. Pour remaining contents of the bottle and one additional bottle into the saddle tank.
3. Overall RED ALERT treatment ratio should not exceed one 32oz. bottle of RED ALERT per 50 gals. Of diesel fuel.
4. Wait 30 to 60 minutes before attempting to start the engine.
5. Then it is imperative that operator let engine idle for an additional 30-45 minutes before leaving the yard. This will allow warm fuel to return to fuel tanks and vital engine components and dissolve. This will dissolve any wax or ice left in fuel. If adequate warm up time is not allowed, heavy waxy fuel will load up fuel system and engine will shut down due to fuel starvation.

Additional comments:

- ⇒ Use EC-1 consistently
- ⇒ Always top fuel tanks prior to equipment shut down each night.
- ⇒ Monitor fuel system for microbial contamination.
- ⇒ For best winter operability use highest OEM accepted micron fuel filters. Example 10-15 micron fuel filters as opposed to 2-5 micron fuel filters.
- ⇒ Pro act instead of react. Prepare your equipment prior to extreme cold weather.
- ⇒ **PLEASE NOTE THAT RED ALERT IS AN EMERGENCY WINTER DIESEL FUEL ADDITIVE THAT IS USED ONLY DURING EXTREMELY COLD CONDITIONS. RED ALERT SHOULD ONLY BE USED TO GET THROUGH THESE EXTREMELY COLD CONDITIONS, AND IS NOT A PLACEMENT FOR A WINTER DIESEL ADDITIVE. OVERUSE OF RED ALERT MAY DAMAGE YOUR ENGINE.**

ALWAYS REVIEW THE MSDS FOR SAFETY AND HANDLING PROCEDURES

