

50 Ways to Green Your Fleet

REDUCE FUEL USAGE

- Quicker pull down (Electronic Throttling Valve [ETV])
- Operate unit with shore power (SmartPower™ electric standby)
- Use all-electric direct drive truck unit (B-100)
- Save fuel by establishing proper settings for your specific load (OptiSet™ Plus)
- Reduce fuel consumption (CYCLE-SENTRY™ modulation)
- Follow recommended maintenance schedule to maximize fuel efficiency
- Shut down reefer when door is open (electronic door switches)
- Run unit at highest efficiency (SR-3 control system)
- Use fuel-efficient units (Thermo King truck, trailer and APU units)
- Create efficient temperature zones and optimize airflow (Thermo King chutes and bulkheads)
- Minimize door openings
- Use strip curtains to minimize air loss
- Save fuel by requiring less engine run time to recharge battery when in Cycle Sentry mode (EON battery)
- Inflate tractor and trailer tires to proper pressure
- Obey speed limits to save fuel
- Avoid quick accelerations
- Improve aerodynamics of your tractor and trailer to reduce drag and increase mileage

REDUCE IDLING

- Use an APU or electric APU system for cab power and heating/cooling (TriPac™ and TriPac^e™)
- Use cab heaters to provide heat rather than running tractor engine
- Turn tractor off while loading/unloading
- Reduce idling by providing power to lift gate and lights (EON Power Pack)
- Use engine coolant heaters rather than running tractor engine

CARB COMPLIANCE

- Use CARB-exempt direct drive truck refrigeration units
- Add a Diesel Particulate Filter to existing APU systems
- Use an electric APU system (TriPac^e)
- Install engine conversion kits to convert older units to run on newer, emissions-compliant engines

REDUCE EMISSIONS

- Run electric standby at the loading dock, which generates no emissions from tractor or unit (SmartPower™)
- Direct drive truck units have no additional diesel engine to generate emissions
- Add a Diesel Particulate Filter to existing APU systems
- Use an electric APU, which generates virtually no emissions (TriPac^e)
- Run emission-free refrigeration systems (CryoTech)
- Use engine conversion kits to convert older units to run on newer, emissions-compliant engines
- Use clean refrigerants with low ozone depletion and global warming potential
- Use EPA-certified engines (TK486V)
- Load and unload quickly
- Plug in units and APUs with electric standby at truck stops where plug-ins are available
- Keep units and trucks properly tuned and serviced to reduce emissions

REDUCE NOISE

- Choose quiet units (Whisper™ noise reduction)
- Electric standby is quieter than a diesel engine (SmartPower™)
- Select direct drive truck units, which are quieter than self-powered units
- Use cyclonic air filters, which have a sonic choke that muffles sound and reduces the decibel level of the unit (EMI3000 filters)

MAINTENANCE

- Use electric standby to reduce maintenance waste by extending intervals (SmartPower)
- Select extended maintenance interval filters to reduce waste as they require less frequent changing (EMI filters)
- Create less maintenance waste with an electric APU – no belts, oil changes, etc. (TriPac^e)
- Extend maintenance intervals by shutting down unit when doors are open (electronic door switches)
- Choose a battery which lasts as long as five wet cell batteries (EON battery)
- Select remanufactured parts to reduce waste
- Recycle used parts and old units whenever possible
- Use the correct batteries for TriPac^e (NxT batteries)
- Properly train technicians to maintain equipment to run at peak efficiency