



CRETE[®]
CARRIER
CORPORATION

ENVIRONMENTAL INITIATIVES **ANNUAL REPORT**



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CRETE CARRIER



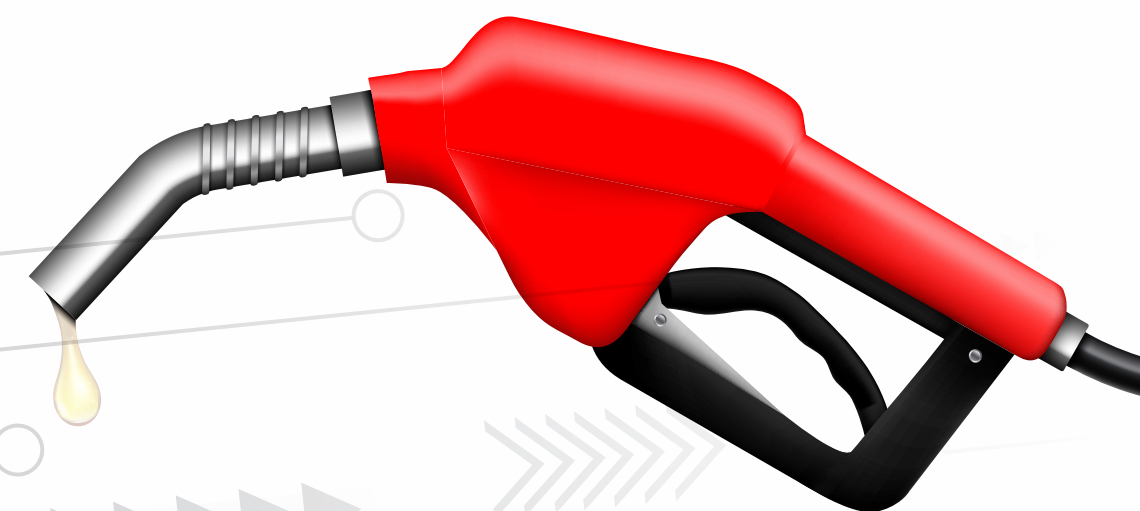
POWER MEETS EFFICIENCY

Diesel APUs provide cooling, heating, and electrical power to the sleeper cab while the truck's engine is off.

When compared to power provided by the truck's idling diesel engine, these APUs generally burn between **0.4 and 0.5 gallons of fuel per hour, while standard idling is closer to 1 gallon per hour.**

A **10% reduction** in annualized idle percentage is worth about **1% in fuel economy.**

Crete Carrier is currently testing systems from two different APU manufacturers.

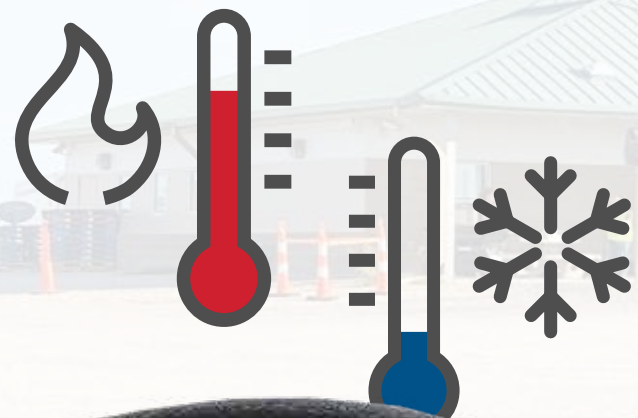


AT AN AVERAGE OF
100,000 MILES PER DRIVER, PER YEAR,
**DIESEL APUS SAVE CRETE CARRIER
1% IN FUEL ECONOMY AND 10% IN
ANNUALIZED IDLE TIME**

AUTOMATIC ENGINE START / STOP SYSTEMS

SMART AUTOMATION = COMFORTABLE CAB

The Freightliner automatic engine start / stop system is designed to provide some key driver features, without requiring the truck to idle continuously.



SLEEPER BUNK HEATING AND COOLING

keeps drivers comfortable while on a rest period, without the need for an idling engine.

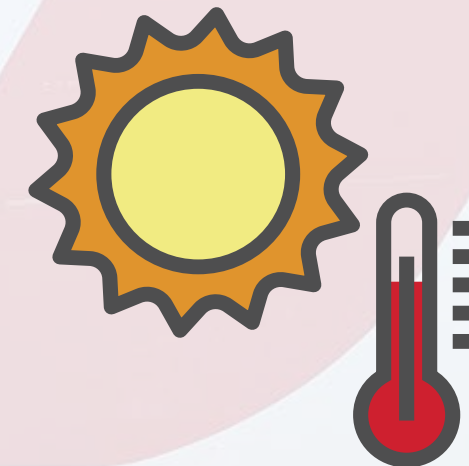


MAINTAINING ADEQUATE BATTERY CHARGE & COOLANT TEMPERATURE

allows the engine to restart easily after a driver's designated rest period is over.

ENGINE PARAMETERS BASED ON INTERIOR / EXTERIOR AMBIENT AIR TEMPERATURES

keep the internal cabin temperature ideal, based on the temperature outside, all without unnecessary engine idle time.



The automatic engine start / stop system is a very cost effective and simple solution to reduce idle while keeping the driver comfortable. **100% of the trucks in Crete Carrier's fleet have this system installed.**



DIESEL-FIRED HEATERS

STAYING WARM SHOULDN'T COST A FORTUNE

That is why Crete Carrier has begun to invest in diesel-fired heat systems for our trucks. Diesel-fired heaters use diesel fuel to provide heat to the sleeper cab when the truck's engine is off, therefore avoiding idling.

These systems are used in conjunction with our auto start stop systems (see page 6).

Diesel-fired heaters are an efficient alternative to idling the engine, and generally burn **less than 0.1 gallons of fuel per hour**. On average, a diesel-fired heater will use approximately **one gallon of fuel during a 24-hour period**.

ADDITIONAL CAB INSULATION

ADDED LAYERS OF COMFORT

In addition to diesel-fired heaters, **Crete Carrier's entire fleet of trucks come equipped with additional cab insulation**, including insulated bunk curtains, windshield curtains, and thicker insulations in the cab walls.

These extra insulation measures help to decrease the energy demanded by each truck's heating and cooling systems.



MAX VEHICLE SPEED

SPEED DIALED IN FOR MAXIMUM FUEL EFFICIENCY

All of Crete Carrier's trucks are governed at 68 miles per hour.

This lower speed reduces drag and increases our MPG.



AUTOMATED TRANSMISSIONS

PRECISION SHIFTING = GREATER FUEL ECONOMY

Industry studies show that **a driver can affect a truck's fuel efficiency by as much as 30%.**

Automatic transmissions take the driver out of the shifting decision-making process and allow technology to determine the proper time to shift gears.

In automated transmissions electronics determine when to shift gears without driver intervention.

An automated transmission boosts fuel economy savings ranging from 1% to 3%, depending on other vehicle specifications and operating conditions.

ENGINE OIL

PUTTING GOOD IN GETTING GOOD OUT

Crete Carrier's use of low viscosity engine oils has the potential to effectively **reduce our fuel consumption by 0.5% - 1.0% annually.**

In addition to our choice of engine oil, Crete Carrier has also extended our oil drain intervals to 75,000 miles, **reducing our oil consumption by an additional 40%.**

Our oil conservation measures are implemented at all of our locations and on 100% of our trucks.

PREDICTIVE CRUISE CONTROL

HARNESSING THE POWER OF TECHNOLOGY

Crete Carrier implements predictive cruise control on 100% of our fleet, which analyzes data available on the truck to customize the speed in cruise control for other parameters, in turn improving fuel efficiency.

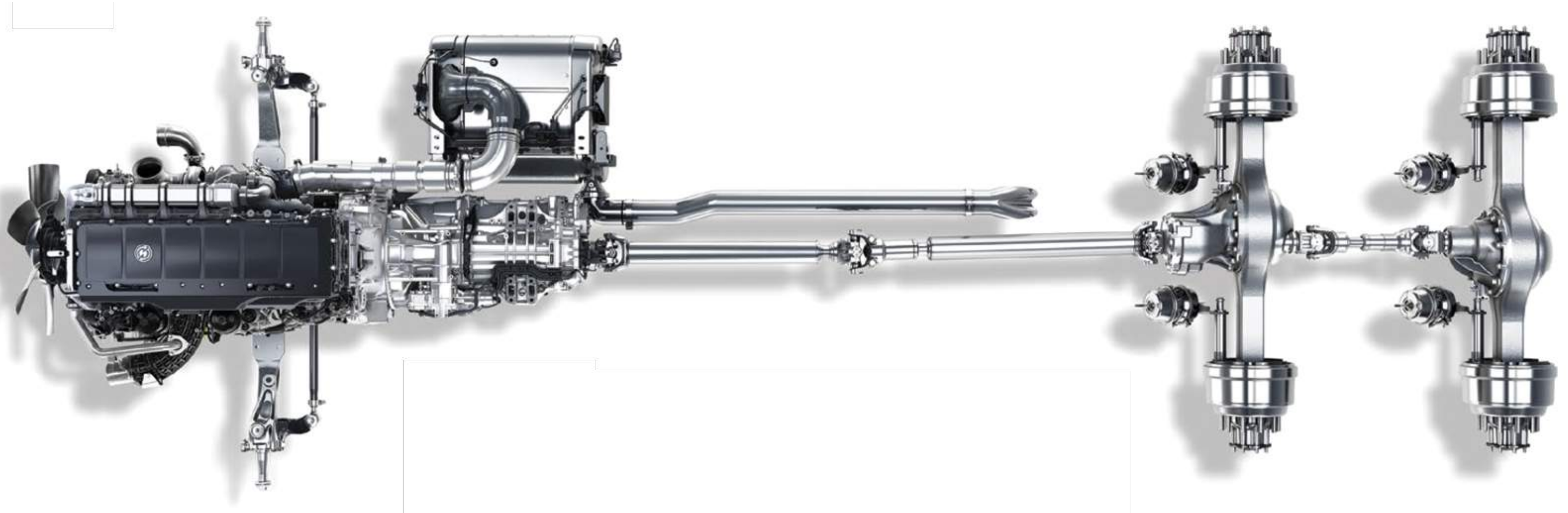
As terrain, congestion, wind speed, and other similar data become more available for the truck to "decide" the optimal speed, predictive cruise control technology can be exploited for even larger fuel economy gains.

ENGINE DOWNSPEEDING

A BEAUTIFUL BLEND OF POWER AND INTELLIGENCE

The Freightliner Detroit engines driving the Crete Carrier fleet come equipped with engine downspeeding.

This technology is one of the primary powertrain-focused strategies for improving fuel economy in heavy-duty trucks and is necessitated by greenhouse gas emission regulations.



WHAT EXACTLY DOES ENGINE DOWNSPEEDING DO?

In engine downspeeding, the rear gear ratio is sped up, which in turn lowers the speed of the engine.

This mechanical combination - **which provides 2-3% of additional fuel savings** - is present on newer model Freightliner trucks and is **therefore equipped in almost 100% of our fleet.**

TIRE PRESSURE INFLATION SYSTEM

EVERY POUND OF AIR CARRIES GREAT WEIGHT

Vehicles running with tires that are **underinflated by 10 PSI are anywhere from 0.5% to 1.0% less fuel efficient** than tires that are properly inflated. Having appropriate pressure reduces tire wear, increases fuel efficiency, and leads to fewer roadside breakdowns due to tire failures.

Automatic tire inflation systems (ATIS) work to overcome one or more of the causes of tire underinflation by monitoring tire inflation pressure relative to a pre-set target and re-inflating tires whenever the detected pressure is below the target level.

The ATIS system alerts the driver that the tires are being re-inflated but does not report on the actual tire pressure. ATIS relies on the vehicle's compressed-air tanks or draws air directly from the surrounding environment using a self-contained pump.

100% of Crete Carrier's fleet of trailers utilize the ATIS tire pressure inflation system.



**ABOUT
1 IN 5
OF ALL
TRAILERS
ON THE ROAD IS
OPERATING WITH
ONE OR MORE TIRES
UNDERINFLATED BY AT
LEAST 20 PSI.**

TRACTOR / TRAILER AERODYNAMICS

UPDATED **FLEET**

NEW EQUIPMENT = **NEW TECHNOLOGY**

Crete Carrier routinely purchases new trucks and trailers each year to replace a portion of our fleet and continually improve our overall fuel efficiency with the latest technology in the industry.

CAB EXTENDERS

FULL ROOF FAIRING
OR HIGH-RISE SLEEPERS

REDUCED TRACTOR
TO TRAILER GAP

TRAILER
WHEEL COVERS
Currently being tested

TRAILER
SIDE SKIRTS

AERO
MUDFLAPS
Currently being tested

TRUCK
WHEEL COVERS

AERO BUMPERS

ETGREEN EXECUTIVE TRAVEL INITIATIVE

A PARTNERSHIP IN ENVIRONMENTAL SUSTAINABILITY

Crete Carrier's partnership with Executive Travel means that we are indirectly involved in their ETGreen environmental initiative to help offset carbon emissions generated by their travelers' jet engines.

Executive Travel's ETGreen initiative aims to **plant one million trees**, in the interest of **removing 48 million pounds of carbon from the atmosphere annually**.

For every Executive Travel partnered flight takeoff, they will plant one tree using a network of volunteers, employees, small businesses, and individuals.

That means that each time our private jet flies anywhere, a new tree is planted on our behalf.



PLANT **ONE MILLION** TREES



FACILITY ITEMS

A CAMPUS WITH AN EYE TOWARD CONSERVATORSHIP



Scrap metal & cardboard recycling are implemented in all of our shops via on-site collection receptacles



Transition to LED lighting when existing lighting needs replaced



Lighting occupancy sensors automatically turn off lights in common areas when the room is empty



HVAC building management system in our Lincoln headquarters controls heating and cooling of all interior spaces on a set schedule, minimizing wasted energy in unoccupied rooms



Work from home flexibility decreases fuel emissions from employees commuting to work



RightFax & Ceteris technology are used in our office environments to reduce the need for printing



Electronics recycling is implemented on all of our outdated or phased out technology



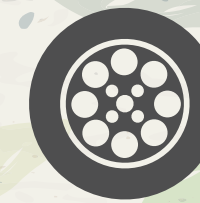
RECYCLING INITIATIVES

EXTENDING THE LIFE CYCLE OF ALL OF OUR INPUTS

Crete Carrier conserves and recycles all of the following consumables with the next use in mind.



USED OIL



USED TIRES



USED ANTI-FREEZE



WASH BAY WATER

A COMMITMENT TO CARING FOR OUR ENVIRONMENT

BIG REACH SMALL FOOTPRINT

*Our business extends nationwide,
**but we take great care to ensure
that our environmental footprint
remains as small as possible.***

By embracing the latest in truck technology and reducing our energy consumption - both on the road and at each of our locations - we aim to deliver our services in the cleanest and most environmentally efficient manner possible.



THERE ARE NO SHORTCUTS™