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Kenworth Receives Large Order, Tax Exemption ... Peterbilt Trucks Qualify For Tax Credit ... Rypos Verified By CARB

Kenworth Truck Co. has received its largest order for hybrid vehicles from Coca-Cola Enterprises, one of the largest manufacturers and distributors of Coca-Cola products. Kenworth will supply 185 hybrid vehicles, including 150 Kenworth T370 diesel-electric tractors and 35 Kenworth T370 hybrids, all of which will be on the road this year, the company said.

The Kenworth T370 hybrid trucks will be equipped with a PACCAR PX-6 diesel engine rated up to 280 hp with up to 660 lb.ft. of torque and the Eaton diesel-electric hybrid power system. The hybrids also have an integral transmission-mounted motor/generator and frame-mounted 340 V lithium-ion battery pack. Advanced powertrain controls monitor driving conditions and automatically select the ideal power mode, switching between electric only, combined diesel and electric, and diesel only.

Coca-Cola Enterprise said increased fuel efficiency and decreased emissions influenced its initial order of 120 Kenworth T370 hybrid beverage delivery trucks currently operating throughout the U.S. and Canada.

Also at Kenworth, the Clean Power no-idle system has qualified for an exemption from the 12% U.S. Federal Excise Tax (FET). While the EPA has verified the Clean Power system as a certified idle reduction device, the IRS recently recognized such EPA-approved systems as qualifying for the FET exemption.

The Clean Power system is available as a factory-installed option on Kenworth T660, T800 and W900 trucks equipped with a 72 in. AeroCab sleeper. Kenworth said the unit may reduce fuel consumption by 8% for operators to have high idle times. The Clean Power system has dedicated, deep-cycle batteries used to power a thermal storage cooler with 21,000 Btus

of cooling capacity, enabling engine-off cooling and heating. It also provides 120 V power for hotel loads.

Peterbilt's Model 335 Class 7 hybrid-electric vehicles are eligible for a tax credit up to \$12,000 from the Department of Treasury's heavy manufacturing and transportation group. The tax credit from the federal government is applicable to both the utility-boom and pickup-and-delivery versions of the 335, which is equipped with a PACCAR PX-6 engine and an Eaton hybrid system. In its utility configuration, the Model 335 truck offers up to a 30 to 40% improvement in fuel efficiency through on-road fuel economy and a reduction in engine idling, said Peterbilt.

A \$6000 credit is also available for the Model 330 Class 6 hybrid-electric trucks in utility boom and pickup-and-delivery applications and equipped with the PACCAR PX-6 engine and Eaton hybrid system. According to Peterbilt, the 330 trucks can achieve a 30% increase in fuel economy.

The Green Clean Institute has certified **RCI Technologies'** filterless diesel fuel water separator as a "green" technology. The Green Clean Institute reviews, researches and certifies various industrial services for their "green" credibility. Certification was based upon observed and declared benefits of using the RCI Technologies fuel water separator. RCI Technologies produces a line of filterless fuel purifiers for diesel engines used in vehicles, power stations and similar diesel engine applications that remove water and solid particles from the fuel system.

CARB has verified **Rypos'** DPF/LETRU (Level 2 Plus) diesel particulate filter for use on most trailer transport refrigeration units (TRUs) using 2002 and older model year engines. Rypos' DPF/LETRU is a

self-cleaning active diesel exhaust filter that uses an electrically conductive sintered metal fiber medium and electrical power from the TRU to regenerate the filter when needed. It is microprocessor controlled with a backpressure control system, an electrical control circuit and a backpressure warning indicator.

Rypos is also the exclusive North American distributor for the Proventia FTF, a passive flow-through filter that uses engine exhaust temperature to regenerate the filter. It is currently CARB verified to LE standards for use with Thermo King TRUs. Rypos has a CARB-verified product for both Carrier and Thermo King TRUs, allowing mixed fleet operators to retrofit their fleets through a single supplier.

Omnitek Engineering Corp., a developer of diesel-to-natural gas conversion systems, has named G&W Group SA as an exclusive agent for the company in Peru. Through G&W Group, Omnitek has received an order valued at approximately \$4.5 million for its diesel-to-natural gas conversion systems.

The conversion systems will be installed on a fleet of beverage and milk delivery vehicles owned and operated by Lima, Peru-based Leche Gloria SA. The project is being financed by natural gas supplier GNC Energia Peru SA in cooperation with Caja Metropolitana, a Lima-based bank that provides financing for conversions of vehicles to operate on natural gas. **dp**

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