



PROPANE FORKLIFTS

THE HARDEST WORKING
TRUCKS IN THE
WAREHOUSE

PROPANE
EXCEPTIONAL ENERGY™





PROPANE DOES IT ALL FOR LESS

LESS DOWN TIME Anytime a forklift isn't on the move, it's costing you money. Which is why propane forklifts are designed to refuel quickly. **It takes less than 5 minutes** to switch tanks and refuel a propane forklift. CNG can take up to 6 hours to refill. Electric batteries take up to 8 hours to recharge. Propane forklifts also deliver more consistent power than electric lifts — hauling heavier loads and finishing jobs faster.

“The easy switch-in and switch-out of propane tanks versus battery changing and re-charging had an immediate impact on our productivity and efficiency numbers. And equally important, our warehouse personnel preferred propane because forklifts using propane don't lose power like electric ones do. Propane keeps them moving.”

*Dwayne Dagenhart
Manager – Equipment Utilization,
Overnite Transportation*



LOW INITIAL COSTS CNG refueling stations can cost more than \$40,000. Gasoline and diesel filling stations average over \$15,000. And the average electric station costs \$3,000, with additional batteries that can add up to as much as \$3,200 per forklift. Propane beats them all with **low or no cost fueling options** — cylinder exchange/cylinder floats programs and on-site retailer fills are two options that require no up-front costs. The original purchase of a propane-powered forklift can cost thousands less, too. And that cost can drop even lower when you realize properly maintained propane forklifts can last over a decade.

LOWER OPERATING COSTS Propane engines are clean burning so they need fewer oil changes, keeping maintenance costs low. And since reduced deposits mean less wear, **propane engines can last longer** than gasoline engines. Refueling a propane forklift is also much less expensive than replacing rechargeable batteries which can cost up to \$3,000 per year in labor and equipment use.



HELPING YOU BREATHE EASIER

Propane is one of the cleanest fuels you can use, producing far fewer greenhouse gases than gasoline or diesel fuel. That's why it was named an Alternative Fuel in the 1990 Clean Air Act and in the 1992 Energy Policy Act. As air quality standards get tougher in 2004 and 2007, it's important to know that you'll be prepared with propane.



CLEAN BURNING Propane is clean burning, non-toxic and safe to use indoors. In fact, propane burns so clean, it's FDA approved for many food processing plant operations. Propane can also be used in warehouses requiring permanent air conditioning.

LOW EMISSIONS Propane produces low levels of carbon monoxide, hydrocarbons and nitrogen oxides (NO_x). And properly maintained propane forklifts not only meet, but beat State, Federal, OSHA and EPA emission standards. It's a sure thing — well maintained propane forklifts with new computer-controlled systems and 3-way catalytic converters obtain nearly zero emissions.

NO TOXIC SPILLAGE OR EVAPORATION A propane forklift carries its fuel in a sealed, pressure-tight system. This eliminates the toxic spillage and evaporation found with gasoline and diesel refueling, which can be a significant source of secondary pollution.

YOUR PROPANE SUPPLIER CAN HELP To maximize your emissions control, talk with your propane supplier. Many offer computerized emissions services to control air/fuel mixtures, reduce emissions and increase efficiency. They also have the resources to keep you up to date on emissions requirements and safety information.

“The main reason we switched our forklift quality that our dock associates work in improved cleaner air in our facilities are welcome signs. With propane, you can actually see the difference.”





TOUGH, RUGGED AND POWERFUL

Of course, reduced costs and cleaner air don't come at the expense of performance. For every situation, propane is the answer:

POWER AND TORQUE For pushing, pulling, lifting and loading, propane handles the heavy loads and beats electricity.

DRIVING SPEEDS Propane powered trucks run at speeds topping 10.5 mph – faster than electric.

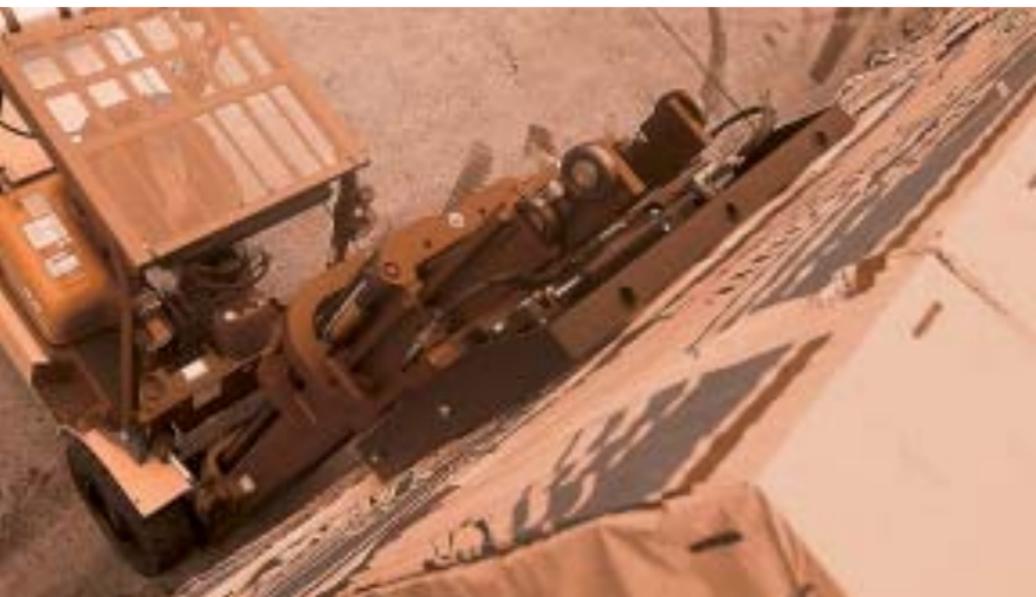
INDOOR/OUTDOOR USE Propane forklifts are powerful and clean enough to perform inside and outside the warehouse.

ROUGH SURFACES Unpaved, gravel surfaces and steep grades are easily handled in a propane forklift.

24/7 OPERATION Propane can operate up to a full shift on one tank of fuel. And power outages can't stop the work.

**fleet from diesel to propane was the air
everyday. The elimination of exhaust soot and the
of the healthier environment that propane provides.**

*Steve Maxson
Vice President – Preventative Maintenance, Averitt Express*



CLEAN. POWERFUL. ECONOMICAL.

Nationwide, 80% of all internal combustion forklifts used in warehouses are fueled by propane — and with good reason. Propane forklifts provide greater power and lift capability than electric forklifts. They have lower emissions than gasoline or diesel models. And they have much lower infrastructure costs than CNG. When you look at the big picture, propane forklifts are the best all-around choice for improved warehouse productivity and a healthier bottom line.

PROPANE FORKLIFTS: THE BEST ALL-AROUND CHOICE

 PROPANE	PROPANE	CNG	Electric	Gasoline	Diesel
Low Greenhouse Gas Emissions	YES			NO	NO
Low Infrastructure Costs	YES	NO	NO	NO	
Consistent Power	YES		NO		
Total Energy Efficiency	YES			NO	
Low Unit Costs	YES	NO	NO		NO
Low Maintenance	YES				NO
8-hour Operating Time	YES	NO	NO		
Lift Load Capacity greater than 82 fph	YES		NO		
Max Speed greater than 9.4 mph	YES		NO		
Refueling less than 5 minutes	YES		NO		



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For more information, please contact
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