



News Release

For Release: Immediately
Media Contact: Eric Knappenberger
Phone 330 666 0868
eric@smileyhanchulak.com

Parker Releases VP1-095 Truck Pump in North America; Benefits Mobile Applications With Less Heat Generation for Lower Fuel Consumption, Longer Pump Life

MARYSVILLE, OH, November 16, 2009 – The 95cc/rev VP1 Series truck pump from Parker Hannifin, the global leader in motion and control technologies, is ideal for mobile applications where power and precise control of multiple functions is required. Built to meet the needs of today's high-pressure systems such as those used on cargo cranes, the variable displacement pump is likewise suited for forestry equipment, sewage trucks and road maintenance vehicles such as snowplows and salt spreaders.

The compact-design VP1-095, which can be mounted directly to a truck PTO, supplies the hydraulic system with exactly the right amount of oil needed to improve performance and control. Thanks to the pump's variable flow capability, heat generation is significantly reduced. This can eliminate the need – and expense – of an oil cooler while reducing fuel consumption at the same time.

The 95cc displacement is an expansion of the VP1 family that includes 45, 75 and 120cc frames. Rated for continuous operation at pressures up to 6,090 psi (420 bar), the VP1-095 offers a variable flow up to 52 gallons-per-minute. The ground-up design of the VP1-095 allowed Parker to produce a pump rated higher than other pumps in the family (VP1-045, VP1-075 = 5,800 psi/400 bar; VP1-120 = 5,075 psi/350 bar) and weighing 2.2 lbs. less than the 75cc pump.

Field tests comparing Parker's VP1 Series pumps to fixed displacement pumps show substantial efficiency gains. Operating on a heavy-duty cargo crane, heat loss varied between 60-65% using fixed displacement pumps. The variable displacement Parker pumps reduced these figures to 25-30%, or less than half. Besides fuel savings, the lower temperature strain contributes to longer pump life and decreased maintenance costs. Furthermore, fewer exhaust emissions may

contribute to a cleaner environment.

Parker's VP1-095, ideal for all load-sensing valve systems, also has the potential to increase mobile equipment productivity by delivering smooth system operation due to its highly responsive pilot assembly. The pump's 11-piston design contributes to low noise and pulsation levels, thus reducing the potential need for, and expense of, sound insulation while helping customers comply with OSHA hearing conservation/operator exposure standards.

For more information about Parker Hannifin VP1 Series truck pumps, call the Hydraulic Pump Division at 937.644.3915 or visit www.phpump.com or www.parker.com.

About Parker Hannifin's Hydraulic Pump Division

The Hydraulic Pump Division was formed in 2004 when Parker Hannifin enlarged its significant piston pump business with the acquisition of Denison Hydraulics. The division is a leading worldwide manufacturer of hydraulic components and systems for earthmoving, drilling and construction vehicles; for mining equipment; for pulp and paper, chemical and other processing equipment; for ships and ordnance equipment; and for such in-plant machines as machine tools, plastic molding, die casters and stamping presses.

With annual sales exceeding \$10 billion in fiscal year 2009, Parker Hannifin is the world's leading diversified manufacturer of motion and control technologies and systems, providing precision-engineered solutions for a wide variety of mobile, industrial and aerospace markets. The company employs approximately 52,000 people in 48 countries around the world. Parker has increased its annual dividends paid to shareholders for 53 consecutive years, among the top five longest-running dividend-increase records in the S&P 500 index. For more information, visit the company's web site at <http://www.parker.com>, or its investor information site at <http://www.phstock.com>.

#