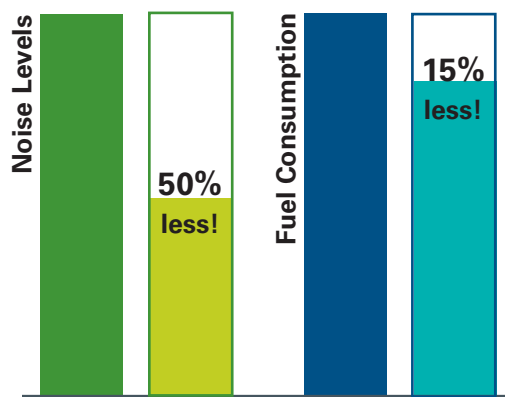




For savings in fuel and noise, look no further than Eaton's Hydraulic system advancements in refuse hydraulic power systems!



Savings you can count on! Operating at peak efficiency is key to achieving low emissions and lowest possible operating costs. Eaton's solution combines the latest pump and controls technologies to realize the shortest possible payback.

Did You Know?

A 3-6 month payback to the end user is possible in many refuse vehicles!

A new method to utilize a variable displacement piston pump with load dependent pump controller leads to significant improvement in fuel efficiency and noise reduction.

The load demand controller on Eaton's Open Circuit Piston pumps is key to delivering greatly improved fuel economy. This pump technology allows the driver to easily operate the vehicle at optimum efficiency and cycle times due to perfectly matched pressures and flow rates to the load demand. Load dependent control of the hydraulic pump provides precise machine control and higher system efficiency. The pump responds to system demand by delivering exactly the amount of oil flow required to perform the operation, such as compaction or side loader arm operation.

System pressure is completely dependent upon the load requirements, eliminating lost energy to needless heat generation of conventional systems. When no function is required, the load demand controller automatically destrokes to zero output flow. The fuel savings when transporting loads are significant compared to a conventional gear or vane pump system that constantly pumps high flow throughout the system during transport.



Benefits

- Dramatically lowers fuel consumption
- Increases productivity by giving the operator smooth control
- Improves structural life of body

Optional features such as pump flow sensing allows the control system to automatically and very rapidly shut down the pump flow if a hose is broken or other fault is determined. Eliminating substantial oil spills further reduces environmental impact and exposure to expensive cleanup costs. Flow sensing is optional on any of Eaton's Open Circuit Piston pumps.

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Powering Business Worldwide

Eaton
Hydraulics Group USA
14615 Lone Oak Road
Eden Prairie, MN 55344
USA
Tel: 952-937-9800
Fax: 952-294-7722
www.eaton.com/hydraulics

Eaton
Hydraulics Group Europe
Route de la Longeraie 7
1110 Morges
Switzerland
Tel: +41 (0) 21 811 4600
Fax: +41 (0) 21 811 4601

Eaton
Hydraulics Group Asia Pacific
11th Floor Hong Kong
New World Tower
300 Huaihai Zhong Road
Shanghai 200021
China
Tel: 86-21-6387-9988
Fax: 86-21-6335-3912