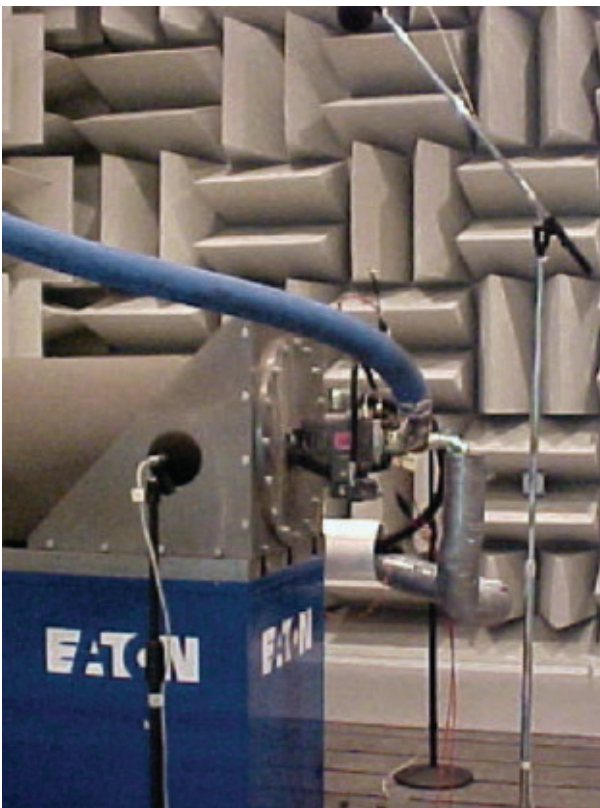




Part of the Work Circuit Solution benefits, NVH technology gives refuse vehicles the tools for impressive noise suppression.



Eaton has designed a solution to suppress noise generated from hydraulics. Eaton's Fluid Conveyance Noise Vibration and Harshness (NVH) Technology is an integrated and custom solution to fully optimize noise and vibration reduction within any hydraulic system.



With over 20 years of noise and vibration reduction experience, this improved technology has enabled Eaton to expand its noise reduction products to the construction, agriculture, truck/bus and industrial hydraulics markets.

With the continued push for lower noise emissions globally, Eaton continues to develop and expand its environmental friendly products to improve the overall impact for the end user, operator and the markets we serve.

Features and Benefits

- Hydraulic system noise reduction
- Operator safety/fatigue improvement
- Improves in-cab and external "noise" levels
- Elimination of alternative noise suppression devices (resonator, attenuator, accumulator)
- 1-wire, 2-wire, 4-spiral, textile braid and PTFE hose constructions available
- Diagnostic testing offered at Eaton facilities

EATON

Powering Business Worldwide

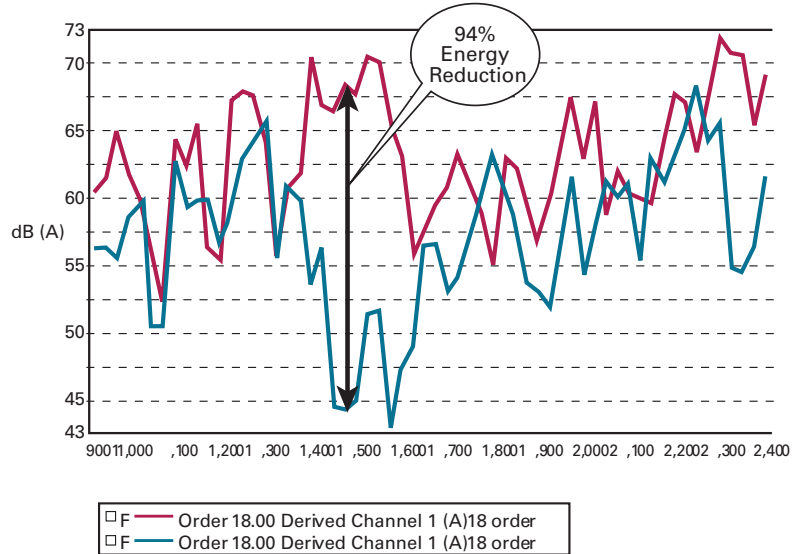
Eaton Fluid Conveyance NVH Technology

How it Works



The hydraulic pump in a system can create energy variations in the fluid flow known as pressure ripples. The energy contained within the pressure ripple then propagates from the fluid, through the structural components, and into the air to become noise. Eaton's Fluid Conveyance NVH technology utilizes a custom designed hose assembly, specifically targeting fluid born noise to reduce overall external/airborne noise without over attenuation. The ability to reduce this energy transmits into noise reduction.

Noise and Energy Reduction Example



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