

LORD Viscous Mount Technology

LORD Corporation's new viscous mount technology provides superior damping and control in operator cab suspensions. Our mounts decrease noise and vibration and increase operator safety and comfort across a variety of severe-duty applications.

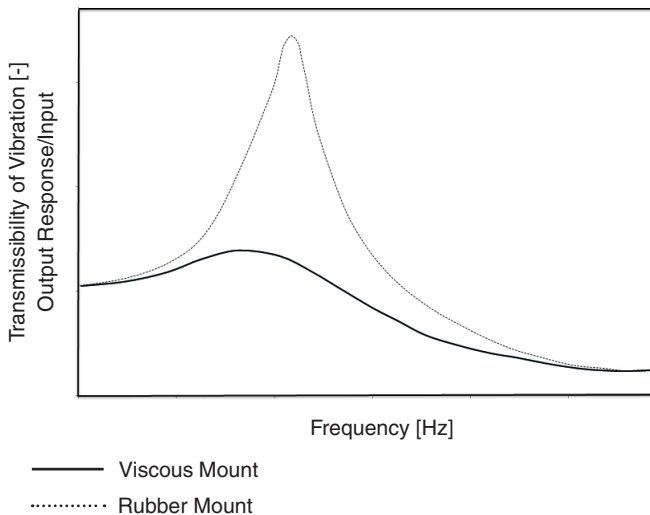
Superior Performance

Our viscous mounts conform to environmental demands, even if the natural frequencies of the roll, bounce, and pitch are different. The mounts provide stability and damping for static loads ranging from 1000 N to more than 5000 N. The mounts' stiffness and damping properties can also be customized to the demands of the application. Our Roll Over Protection Structure (ROPS) model has a high-strength reinforcement plate to ensure driver safety without the need for additional protection components.



LORD Viscous Mounts

Comparison of Transfer Characteristics



Type	Rated Load Range [N]	Vertical Nat. Freq.	Loss Factor $\tan\delta$ [-]
Standard Broadband	1000-3750	8 Hz	0.7-1.1
Low Frequency	1750-5000	6 Hz	0.7-1.1

Both viscous mounts can be made ROPS-compliant

Features & Benefits

Improves Operator Comfort – reduces vibration; decreases noise levels 5 to 10 dB(A).

Reliable – twice as effective as conventional rubber mounts; effective in temperature ranges from -40°C to +80°C.

Cost Effective – decreases costs associated with extra reinforcing materials and welding points on the cab; eliminates cabin breakage incidence caused by rough terrain.

Efficient – reduces reaction loads on the cab; reduces cab stress by as much as 50%.

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