

DO YOU HAVE A SOLID SHOCK PREVENTION PROGRAM?

What is Solid Shock?

Solid Shock refers to the harsh impact of G-force vibration transmission to heavy industrial vehicle operators and their equipment from solid aperture tires. Not only is Solid Shock a major source of wear and tear on machines, but it's also a leading cause of operator injury.



Solid Shock to Operator

Daily exposure to Solid Shock can cause the operator to experience headaches, lower back pain, joint pain and fatigue. Prolonged exposure can lead to Whole Body Vibration (WBV), a serious physiological condition.

Solid Shock to Equipment

Solid Shock transfers unnecessary excessive G-force on equipment causing costly and premature wear and tear.

The Numbers Don't Lie!



TyrFil Processed Tires – 41% less G-force transmission to cab/operator than solid aperture tires. Data was collected on a front-end loader tested on a track replicating real jobsite conditions.

Reducing Solid Shock and Increasing Productivity Begins with Tire Selection

As part of any Solid Shock prevention program, tire choice is paramount to decreasing exposure to excessive G-force transmissions and the resulting adverse health risks.

	G-force Transmission	Flatproof	Recyclable
Solid Aperture	Extremely High	✓ Yes	No
TyrFil	✓ Yes	✓ Yes	✓ Yes

We keep the world rolling.

No flats, smoother ride, more protection.

Carlisle TyrFil

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