

### 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

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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