

Waste Transfer Station Saves \$100,000 on Tire Expenses by Swapping Out Solid Aperture Tires for Tire Fill



Front end loaders in the waste transfer application are tough on tires and demand a tire flatproofing solution. Initially, this waste transfer station was using solid aperture tires. When the facility manager was asked about his experience with solids, he stated “I was receiving many complaints of lower back pain from my equipment operators”. Lower back pain and whole body vibration are often a result of excessive G-force transmissions from solid aperture tires. This is what is known in the industry as – Solid Shock!

In addition to Solid Shock, the solid aperture tires were not providing enough traction. The facility manager discussed both of these problems with his local Arncopathway tire dealer. They informed him that solid aperture tires have limited tread pattern and durometer (hardness) options, and recommended purchasing a premium 26.5XR25 pneumatic tire filled with TyrFil inside. Often referred to as foam fill, tire fill is the only customizable tire flatproofing solution that offers multiple choices of tread pattern, durometer, and tire pressure options.

The manager decided to make the switch from solid aperture tires to tire-filled pneumatics on their two front end loaders. Not only were the Solid Shock and traction problems solved, but over the long run, it was discovered that ***TyrFil is also the cost-effective flatproofing solution.*** New tire-filled pneumatics will run for 1200 hours in this application compared to 800 hours with solid aperture tires, increasing tire performance by 50-percent. Additionally, this location is retreading these tire-filled pneumatics twice at almost half the price of purchasing two new solid tires. The retreads with tire fill still outperform the solid aperture tires with longer run times.

Compared to solid aperture tires, TyrFil offers improved tire performance and a 40-percent lower cost of ownership over the life of the tire resulting in significant cost savings. This waste transfer station saved \$100,000 on the tire expense for two front loaders. Also, just by making the switch from solid aperture tires to TyrFil this waste transfer station experienced the following benefits: increased operator safety, improved traction, and longer tire life. ***TyrFil - It's What's Inside That Counts!***

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