Solid Tyres and Anti Vibration Mounts Add to Stability by Maria Gini

Article published on February 23rd 2012 | Business

Stability is a serious concern for everyone. If you need to ride over rough terrain on two wheelers or over a long distance, then you should avoid solid tyres. This is because solid tyres give a firm ride and cannot absorb shocks the way the pneumatic tyres do. However, you donâ€™t have to fear that your vehicle is going to shake like a belly dancer if you do use solid tyres. In fact, solid tyres are very good for usage in wheelchairs meant for the less than ambulatory family elders to enable them to move around indoors. Such wheelchairs donâ€™t tip over easily.

Add to that you donâ€™t have to fear being stranded far from home or office due to a puncture. This is because solid tyres are made from a solid rubber compound and are puncture proof. Some people are even experimenting with using solid tyres instead of caster wheels under office chairs. This is since more people are facing issues like vertigo originating from cervical spondilytis caused by long periods of hunching in front of a computer. So they definitely need a chair which is both easily moveable without worrying about stability.

Most anti vibration mounts have anti slip properties too. Since they are used primarily to prevent vibration caused by moving parts, using anti vibration mounts of the wrong size, shape or durometer (hardness) can actually increase the amount of vibration in a system, or create other issues that lead to system fatigue and failure in a short time. This is especially true where the machine used for a manufacturing process is built to tight tolerances. The durability of the anti vibration mounts depends on the kind of material used in its construction.

When anti vibration mounts are being used for in a chemical plant or refinery, then they are exposed to environmental threats as well as corrosive material. Rubber would disintegrate when in contact with oil over a period of time. The operating temperature of plant and machinery which require the anti vibration mounts would impact their durability and specifications.

Article Source:
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Clifton Rubber is a leading manufacturer of various rubber products, which include a dock buffer, solid tyres and rubber sheets. They also offer services like a loading bay, dock bumpers and a anti vibration mounts.

Article Keywords:
solid tyres, anti vibration mounts, loading bay, dock buffer, dock bumpers

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