LIQUITUBE FAQS

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What problem does LiquiTube prevent?

LiquiTube completely coats all interior surfaces of the tyre and rim including the sidewall to prevent all forms of air loss including rim and bead leaks, as well as large punctures in the tread area. The coating on the sidewalls on the inside of the tyre eliminates air loss from porosity leaks, and weather cracking.

Is LiquiTube cost effective?

Time studies have shown that if only 24%-30% of flat tyres and air loss are eliminated, LiquiTube has paid for itself. LiquiTube will eliminate over 90% of flat tyre problems in tubeless tyres, and around 65% in tube type tyres. LiquiTube can usually be installed in any tyre for less than it would cost to repair that tyre one time. LiquiTube continues to work and be effective for the life of the tyre. The added benefits of maximising tyre life and fuel efficiency, by keeping tyres at the correct inflation all the time for the entire life of the tyre, makes it possible for LiquiTube to save users over 10 times what the sealant costs.

Does LiquiTube pay for itself?

Absolutely, in these 5 ways!

1. No equipment downtime due to flat tyres.
2. Fewer losses of machine and man hours due to flat tyres. Flat tyres can be extremely costly resulting in downtime for equipment and personnel.
3. Eliminates costs from flat tyre repairs and roadside service calls. Flat repair costs can range from $25 to several hundred dollars depending on the vehicle the tyre is on, and subsequent service call costs.
4. Independent tests show that a LiquiTube treated tyre lasts an average of 20% to 30% longer. For these two reasons.
    a. Tyres stay properly inflated. Under inflation is the number one killer of tread wear, and tyre failure.
    b. Tyres run 2 - 3˚C cooler. The reduction of friction coupled with the dissipation of heat from the tyre makes tread areas last longer. Heat is dissipated by being able to transfer from the tread area of the tyre to the coated sidewall of the tyre where the tyre is much cooler. Heat will always travel from a hot surface to a cooler surface. The sidewall coated with LiquiTube is much cooler than the tread area.
5. As much as 10% better fuel mileage, properly inflated tyres produce much less drag on equipment, therefore; equipment uses less fuel.

Aren't all tyre sealants basically the same?

NO! Most tyre sealants have very few ingredients in them. LiquiTube is a heat treated formula that is made up of 23 different ingredients. LiquiTube is heat treated to get a cross-linking of the molecules of all the ingredients, making a 100% totally homogeneous formula that coats all inner surfaces of a tyre evenly, and never has to be shaken, stirred, or mixed and will never break down in the bottle or the tyre.

Can LiquiTube be used in any air-filled tyre?

Yes. High speed, low speed, tubeless, or tube type tyres. If you put air into a tyre, LiquiTube can be used effectively. Since LiquiTube is totally water soluble it is not effective with liquid ballasts such as calcium chloride. Also, LiquiTube cannot be used with balancing powder. However, trucking companies have found that LiquiTube treatment in heavy duty truck tyres eliminates the need for a balancing powder.

How large a puncture will LiquiTube seal?

LiquiTube will seal punctures of 6mm in any air-filled tyre. Larger punctures in the tread area will generally seal in higher ply industrial type tyres. In independent tests LiquiTube has sealed 20mm punctures in a single 14 ply truck tyre, and the tyre was still in active use after the punctures. Numerous users of heavy mining and earth moving equipment have reported tyres with puncturing objects over 2.5cm in diameter being sealed with LiquiTube.

Will LiquiTube seal bead or rim leaks?

Yes. It may take a few days for LiquiTube to seek out all the areas of air loss on a rim and bead. You may need to add air a few more times until the leak is permanently sealed. Once the leaks have all been sealed, you should never have to add air to the tyre again. The more the tyre is used, the less time it will take for a bead leak to seal.

Is LiquiTube effective in extreme temperatures?

Yes. LiquiTube stays effective from -42˚ to 93˚C.

How often do you have to treat a tyre with LiquiTube?

Once. In some extreme conditions such as industrial mowers that are getting several thousand punctures in thorn rows and ditches, additional LiquiTube may at some point be required. However, LiquiTube is usually 100% of the time, a one time application.

How do you remove LiquiTube from the tyre when the tyre needs recapping or a section patched?

With water. LiquiTube is 100% water soluble and can be rinsed out of the inside of the tyre with a garden hose. For quick removal use a wet dry vac after introducing the water into the inside of the tyre. If the puncture is too large and requires a regular patch, simply blow the LiquiTube away from the puncture area with a high pressure air hose, wipe area with a wet rag, let dry and patch normally.

What is the shelf life of LiquiTube?

Indefinite! We have tested LiquiTube that has been in closed containers for more than 8 years and the chemical make up of LiquiTube is identical to when it was bottled.

Is LiquiTube flammable or explosive?

NO. LiquiTube has no flash point.

Will LiquiTube rust or corrode a wheel or rim?

NO. LiquiTube has four rust inhibitors in it and one vapour lock inhibitor. It is chemically inert and will not have any effect on the rubber or wheel. LiquiTube stays pH neutral for the life of the tyre.

Can excess water inside a tyre dilute the sealant and make it ineffective?

Yes. Water vapour can be injected into a tyre from unfiltered air compressors, or through major leaks in the bead area of a tyre that is already flat. LiquiTube does have a water dispersing agent in its formulation. However, if excess water is in the tyre it will dilute the sealant and make it ineffective. The best way to ensure water is not being injected into tyres, is to empty (bleed) the air line of the compressor by blowing air through the line before attaching it to the valve stem of the tyre. If white liquid is noticed leaking from a puncture after the tyre has been rotated several times, and air is continuing to leak out of the tyre, more than likely the tyre has had water or some other type of sealant or ballast in it previous to the LiquiTube treatment. If this happens, you must remove the tyre from the rim, rinse it out with water, let it dry, remount it, and retreat with LiquiTube.

Does LiquiTube migrate to the bottom of the tyre when the vehicle is stopped?

No. LiquiTube permanently coats all internal surfaces of the tyre and wheel and stays in place for permanent protection.

Will LiquiTube treatment save on truck tyre repair?

Yes. LiquiTube will usually save in tyre repair and down time, many times over what you would pay in any given tyre repair.

How do you dispose of LiquiTube when it is rinsed out of the tyre? Is it a hazardous material, or hazardous waste product?

According to the EPA's Toxicity Characteristic Leaching Procedure analysis, LiquiTube is not even remotely close to being considered a hazardous material or a hazardous waste product. As such, LiquiTube can be rinsed down any sanitary sewer, with the permission of the sewer owner.