

## **TIRE LIFE® FREQUENTLY ASKED QUESTIONS**

### **Q. How does Tire Life® prevent rim rust?**

- A. Tire Life® has active rust inhibitors that both bind the oxygen and also form a barrier or protective coating on the steel. As long as there is enough Tire Life® in the air chamber of the tire (see quantity chart for correct quantity), rust will not be allowed to form on the steel.

### **Q. Will Tire Life® clean existing rust while the wheel is in service?**

- A. Tire Life® will clean rusting rims by the natural washing action of the liquid. In as little as 30 days of normal equipment operation, Tire Life® will clean most rust and scale, reducing labor costs, sandblasting and painting cost.

### **Q. What about disposal of used Tire Life®?**

- A. Please refer to our Safety Data Sheet regarding disposal questions.

### **Q. How does Tire Life® reduce air loss and by how much?**

- A. First, Tire Life® is not a puncture sealant. However, it does have the ability to seal small pinholes, or vent holes (bias ply tires) and liner cracking. Tire Life® provides a continuous sealing action as it flows throughout the air chamber coating the inner liner and rim. Tire Life® has been shown to reduce air loss up to 65%.

### **Q. Will the use of Tire Life® void my tire warranties?**

- A. No. Letters from all major tire manufacturers are available upon request.

### **Q. How does Tire Life® help section repairs?**

- A. Tire Life® slows down liner deterioration, providing better bonding for section edges. If the edge should lift, Tire Life® will seal the exposed area, as well as any porosity across the section surface.

### **Q. How does Tire Life® cool tires?**

- A. Tire Life® performs a heat sink function (boiling point is 350°F at 80 psi), absorbing BTUs of heat from the hottest part of the tire and helps to transfer heat to the cooler, thinner areas of the tire.

Heat studies by both tire manufacturers and major equipment manufacturers showed cooling of off-road mining tires by as much as 8%.

### **Q. Does Tire Life® help improve O-ring performance?**

- A. Tire Life® will stop most O-ring leaks, is an excellent lubricant when mounting, and will help the O-ring seat and seal properly. Tire Life® will help control premature aging of O-rings on equipment where rim heat attacks them. Tire Life® also helps to prevent rust in the O-ring gutter helping to reduce air migration through rust scale.

### **Q. Is Tire Life® compatible with Nitrogen inflation?**

- A. Tire Life® is completely compatible with nitrogen inflation. Normal air is composed of 80% nitrogen, using a nitrogen inflation system is simply normal air with the oxygen removed. For more information regarding nitrogen use with Tire Life® please contact our sales staff.

**Q. Is Tire Life® flammable?**

A. No. Tire Life® has fire retardants included in its formula. Our regular formula has been tested up to 1500°C.

**Q. Does Tire Life® freeze?**

A. Regular Tire Life® freezes at approximately 20°F. Our All Weather formulation is protected to sub-zero temperatures and is available by special order. Please call our sales staff to discuss the best freeze point protection for your environment.

**Q. Does Tire Life® have a shelf life limitation?**

A. There is no shelf life limitation on Tire Life® in normal storage conditions.

**Q. Does Tire Life® act as a commercial tire balancer?**

A. Yes! Tire Life® uses fluid dynamics reducing vibrations, driver fatigue, and improves tread wear.