

# Liquid Inflation Chart

(Based on 75% fill level; valve stem at 12:00)

8.3-24	13	139.1
11.2-24	24	256.8
11.2-38	36	385.2
12.4-28	35	374.5
12.4-38	46	492.2
13.6-28	43	460.1
14.9-24	47	502.9
14.9-28	53	567.1
14.9-38	67	716.9
15.5-38	66	706.2
15-19.5	29	310.3
16.9-38	90	963.0
17.5L-24	55	588.5
18.4-34	100	1,070.0
18.4-38	110	1,177.0
18.4-42	115	1,230.5
18.4-46	129	1,380.3
19.5L24	69	738.3
23x8.50-12	5.5	58.9
24.5-32	170	1,819.0
26x12.00-12	8.3	88.8
27x8.50-15	6.9	73.8
30.5L-32	217	2,321.9
31x15.50-15	20.0	214.0

**Note: For a complete fill chart, visit our website at [www.rimguard.biz](http://www.rimguard.biz)**



**RIM  
GUARD**

TIRE BALLAST

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**Weight without  
the RUST**  
Patent #5,639,319



**Noncorrosive**

**Nontoxic & Biodegradable**

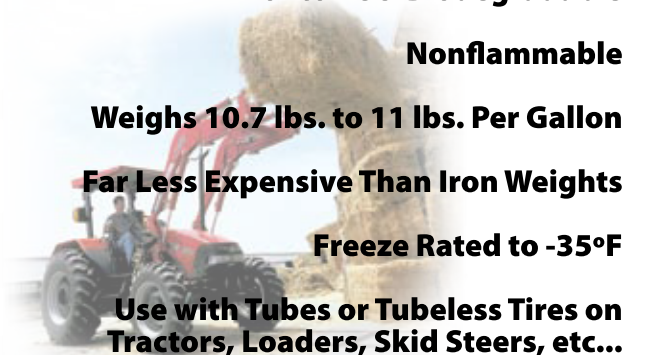
**Nonflammable**

**Weights 10.7 lbs. to 11 lbs. Per Gallon**

**Far Less Expensive Than Iron Weights**

**Freeze Rated to -35°F**

**Use with Tubes or Tubeless Tires on Tractors, Loaders, Skid Steers, etc...**



**Rim Guard™** is a patented liquid tire ballast formulated to prevent rust and corrosion on tire rims and valve stems. Nontoxic and animal food grade safe, the base material is an agricultural by product of sugar beet processing. **Rim Guard™** is freeze protected to -35°F.

## SUPERIOR TO ALL OTHER BALLAST MATERIALS

- Calcium Chloride is heavy and does not freeze. But it is very corrosive. When it contacts the rim it literally eats holes in it in just a few years. Tubes are a necessity. It's also toxic, burns your hands and seriously contaminates the soil if it spills.

**Rim Guard™** is totally noncorrosive. Tubes are not needed in tubeless tires saving the cost of the tube. It will never rust a rim or corrode valve stems. **Rim Guard™** is **nontoxic, biodegradable, and animal food grade safe.** **Rim Guard™** is freeze protected to -35°F.

- Iron Weights are very expensive per pound. They are bolted to the rims or hang as slabs on the tractor's nose, often making the tractor longer or wider. They load the tractor's frame and axles and are located where they don't do the most good.

**Rim Guard™** costs about 1/3 the cost per pound of iron weights and puts the weight where you need it—where the tire contacts the ground. It doesn't load the axles or the frame.

- Methanol and water mix is noncorrosive but the solution is lighter than water (less than 8 lbs./gal.). Methanol is flammable, toxic and expensive. The air in the tire becomes a flammable gas when released.

**Rim Guard™** is at least 33% heavier than methanol/water solution and therefore provides much more weight by volume. **Rim Guard™** is nontoxic, nonflammable, and much more environmentally friendly. Depending on the methanol/water mix ratio, **Rim Guard™** is often less expensive per pound and has better freeze protection.

- Windshield Washer Solvent (WWS) is noncorrosive but toxic, especially to animals. The chemicals (alcohol or glycol) that lower its freeze point evaporate over time and it weighs no more than water (8.3 lbs./gal.). WWS is usually only freeze protected down to -10°F to -20°F depending upon the mix.

**Rim Guard™** is 29% heavier than WWS and doesn't freeze down to -35°F. Due to its weight, **Rim Guard™** is often the same or less cost per pound as a ballast material.

- Automotive Antifreeze is noncorrosive but also toxic and poisonous to animals if it spills. It is **expensive and weighs no more than water.**

**Rim Guard™** is far less expensive per pound and often per gallon than antifreeze. **Rim Guard™** is animal food grade safe. If it spills on the grass or gets into silage, it is completely safe and biodegradable.

## ADDING RIM GUARD™ TO YOUR TIRES WILL:

- Improve traction dramatically. Most farm tractors, compacts, utility, skid steers, pay loaders, etc. have more power—both pulling power and hydraulic lift power—than their weight can use. That's why the tires spin while doing heavy pulling and the tractor/loader gets unstable when lifting and carrying heavy loads. Tire spin and wheel hop wear tires rapidly and waste precious fuel. Instability during heavy lifting is dangerous—a serious safety hazard for the operator and equipment.
- Improve pulling capability and stability while lifting heavy loads. It also lowers the center of gravity when operating on sloping terrain. **Rim Guard™** in tires puts the weight right where you need it—where the tire contacts the ground. It reduces tire wear and improves operating efficiency.
- Improve stability of all-terrain sky lifts, fork lifts, pay loaders and zero turn mowers.
- Act as counter weight for tractors with front end loaders, especially in compact tractors with large buckets.
- Act as counter weight in the rear steering wheels of large combines. When the head size is increased on a combine, the additional nose weight often makes it difficult to steer. **Rim Guard™** can counter this imbalance to maintain steering control.
- Further increase traction and steering control in front tires of 4WD tractors.
- Provide pull/push enhancement to lawn and garden tractors, especially on ice and snow.

## RIM GUARD™ TESTIMONIALS

"As far as I'm concerned they can take the 5,000 gallon tank of calcium chloride out and replace it all with **Rim Guard™**. The men like it because it doesn't burn their hands and doesn't shrink or destroy their leather shoes or gloves. The cost of operation with **Rim Guard™** is much better since it doesn't rust out the service trucks like calcium chloride did. The faster everyone switches to **Rim Guard™** the better for the dealer, user, and environment. We have piles of new rims for our customers since the calcium and magnesium chlorides rust out the metal. That won't happen with **Rim Guard™**.  
– Curt Wells, Jerry's Tire Co., Lake Odessa, MI

"I had blisters on my hands working with calcium chloride. It cleared up after switching to the **Rim Guard™** product. I no longer sell the calcium chloride. I serviced 30 of an orchard's tractors to remove calcium chloride and fill them back up with **Rim Guard™** for environmental reasons. Farmers like it because it washes right off if there is a leak."  
– Jim Fennessey, Berrien Co., MI

"A few years ago the talk was about loading tractor tires with a new replacement for calcium or magnesium chloride. We knew what calcium chloride was and that it had to be a thing of the past. It was about this time that one of our customers and businessman Jon Smith told me that I needed to call his high school buddy Glen Daly. The rest is history. In the past we needed to truck our new Kubotas to our local tire dealers. The tire dealer would then charge us for a dismount, new tube, mount and of course the cost of the calcium chloride. A large R-4 tire would cost us approximately \$300 for the pair. We would pass this cost on to our customer for no profit and would absorb the cost for the delivery and pick up at the tire dealer. We now do the work ourselves and pass on substantial savings to our customers.  
– Jim Tong, Seyberts Implement Sales & Service, Coldwater, MI



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