



SLING SAVER LUBRICANT

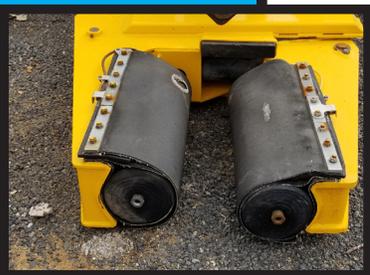
◆ WHY THE NEED FOR SLING SAVER?

In many different areas of the country, harvesting depends on tree shakers. These shakers vary in make and model and have different features; however, all depend on the shaker pad to conform to the trunk or limb, while firmly holding the tree to eliminate debarking the tree. The critical point is between the two slings, where the power is transferred from the head of the shaker into the tree trunk. The sling surfaces slide against one another, under extreme pressures, to allow the head to move with its pattern during the duration of the shake. Due to overheating the pad, which creates “hot spots”, proper lubrication is essential to sling longevity and pad life. Sling Saver will provide unmatched lubrication in the shaker industry.



◆ PREVENTS UNNECESSARY EXPENSES

The key to reducing premature wear or damage to the trees is to find a water-soluble solution that protects the rubber, lubricates the rubber, and maintains the rubber's natural elasticity and pliability. This allows the sling's surfaces to move against each other without creating undue wear and friction. By reducing the wear and friction, the amount of excessive heat is drastically reduced. Special modifiers are incorporated into the formulation to reduce heat in the application. If a solution attacks the rubber or loses its ability to reduce the friction, the damage is quite costly. While replacement slings can be in the range of \$140.00 a set, and pads around \$600+, the real cost is tree damage. Splitting the bark, or worst case “girdling” the tree, has a permanent effect on its growth and production. In an industry that depends on the trees to stay strong and healthy, damaging the bark weakens the tree, and could lead to an invasion of insects to the weakened trunk. Ultimately, debarking of a tree will shorten the life of the tree.



◆ FOOD-SAFE INGREDIENTS

TRC's Sling Saver is unlike other sling lubricants on the market, combining a proprietary blend that combines food-safe ingredients with a base that maintains consistency and long life. Other products on the market do not typically contain food-safe ingredients and depend on a variety of silicones that are at times unstable and hard to achieve consistency from batch to batch. Another aspect of Sling Saver is the ability to lubricate and not stick between the rubber surfaces. Sling Saver will continue to provide exceptional lubricity as temperatures rise and the water on the sling surface dries up quickly, which helps extend the life of the rubber surfaces.



◆ UNMATCHED PERFORMANCE

In trial tests on young trees with tender bark, rates of 1 quart per 25 gallons of water through the injection system were tested. The trees were a variety of nut crops. Through multiple tanks, the results were outstanding with no damage reported, and no premature wear visible. This was tested on both the trunks and with shakers clamped to the limbs.

DIRECTIONS FOR USE:

Add 1 to 2 quarts of Sling Saver per 25 gallons of water, depending on crop conditions. Temperature, humidity and shaking conditions may require altering this dilution. When new shaker slings are installed it is recommended to pre-soak the working surface of the rubber with a 50% solution of Sling Saver and water, two or three times prior to installation.

SPECIFICATIONS

SLING SAVER LUBRICANT

Product Code #101320

Viscosity @ 77 F	4000cP
Weight per gallon	8.23 lbs./gallon
Specific Gravity	0.99
Total Solids	10.75%
Appearance	Milky White
pH	neutral

Please note that while Sling Saver will freeze around 30°F, the thickening agents have such an affinity for water that any water that separates by freezing is immediately absorbed when it thaws. No separation will occur after freezing.

SAFE TO USE ON
ALMONDS • PISTACHIOS • PRUNES
PECANS • WALNUTS • CHERRIES
• AND OTHER TREES IN WHICH SHAKERS MAY BE USED.

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