

PRODUCT PROFILE

CALCIUM CHLORIDE FOR TIRE WEIGHTING

Liquid Calcium Chloride solutions have long been used for tire weighting in off-road environments with many benefits.

INCREASED TRACTION

Calcium Chloride can add 30% more weight to a gallon of water. This increased weight means that drive wheels have a firmer tread grip for maximum traction. The increased traction results in increased tractor drawbar pull.

SMOOTHER RIDE

Liquid ballast lowers the center of gravity for less slippage and reduced impact of bumps and ruts. This results in greater maneuverability and improved operator comfort.

EXTENDED EQUIPMENT LIFE

Tire weighting increased tire life by maximizing traction and reducing slippage and friction. Tire weighting also increases tractor life by reducing shock and slip-and-grip drive wheel action.

GREATER ECONOMY AND CONVENIENCE

A Calcium Chloride solution can be injected into tires quickly and easily. Cast iron weights are expensive to install and do not provide a favorable weight profile. Also, extended equipment life means additional reductions in cost.

FREEZE PROTECTION

Plain water will not afford the same protection from freeze damage to tires. The recommended ballast solution will stay freeze proof down to about -50F.

Either Hill Brothers Anhydrous Calcium Chloride or Hill Brothers Liquid Calcium Chloride can be used to prepare the standard tire weighting solution. If Hill Brothers Anhydrous Calcium Chloride is used, 150 pounds of dry should be added to 40 gallons of cool water. Dry Calcium Chloride releases considerable heat when added to water. Caution must be exercised when handling freshly mixed solutions to avoid skin burns. After adding the Calcium Chloride, stir the solution until completely dissolved. Let the solution cool before putting it into the tire. Always add the dry Calcium Chloride to the water, never the other way around. If Hill Brothers Liquid Calcium Chloride is used, one (1) gallon of water should be added for every five (5) gallons of solution.

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