



DOWFLAKE

DOWFLAKE calcium chloride for tire weighting...still the best

Weighting a pneumatic tire with a solution made from DOWFLAKE* calcium chloride puts the extra weight right where it's needed—where the driving wheels meet the ground. The results?

- Drawbar pull is increased by as much as 80%, depending on the type of soil.
- Tire wear is reduced.
- Stress and wear on other vehicle components are minimized since added weight reduces slip-and-grip drive wheel action and up-and-down bouncing.

Comparing The Alternatives

Metal wheel and frame weights. It has long been known that weighting tires with liquid ballast is superior to simply adding weight to the vehicle. Bolt-on metal weights for wheels are expensive and tend to flatten and distort the tire's cross-section profile. Cast-iron weights fastened to the frame transmit extra weight through the entire frame and can cause wear on the machine itself.

Water ballast. Water is 30% lighter than a standard solution of calcium chloride. Drawbar pull is not as great. Plus, there is always the danger that water will freeze and destroy a very expensive tire.

Powdered lead ballast. Like cast-iron weights, powdered lead is an expensive material. Plus, special equipment is required to inject it into the tire, further increasing expense.



In summary, it is little wonder why calcium chloride solutions remain the leader in tire weighting. Initial cost is low. The material can be reused over and over again. Liquid tire ballast is the proven best way to give machinery the traction it needs to work most effectively.

For guidelines on the use of calcium chloride for tire weighting, contact The Dow Chemical Company Customer Information Center at 1-800-447-4369 or the distributor listed below.

Available from:

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