

SUTPHEN CORPORATION SALES TECHNICAL BULLETIN

FRONT AXLES FOR S6 & PA-17 BODY PUMPERS

OVERVIEW

In an effort to ensure we are providing the correct product configurations, we have been researching front axle weights for the S6/PA-17 body pumpers with 1000 gallons of water. We have found that this body/water tank combination is marginal for a 18,000 lb. front axle with 315 series tires. This is especially important if there are more than (4) crew seats in the cab. To ensure this does not become an issue for in-service apparatus, please select the 20,000 lb. front axle/suspension as well as the 385 series tire options. If these are not available in the configuration/co-op you are working in, please copy pricing and verbiage from a custom pumper within that same co-op. Even if you do not have a 1000 gallon water tank, you may still want to consider using this larger axle/tire combination on the S6/PA-17 body. Many of our dealers who have driven our S6 demos have complained of the front end ride quality and handling of the smaller 18k/315 series tires. Those same dealers have driven ones we have built for customers with the larger axle and tires and said they felt that configuration handled much better.

In the near future we will be exploring front axle/tire configurations on other pumper apparatus as well as the fire service axle and tire ratings we have been using. Another Sales Technical Bulletin will be published with our findings.

If an order is received for a unit that has been proposed prior to the release of this Sales Technical Bulletin, the front axle & tire configuration will be reviewed by your SAE.

If you have any questions, please contact your assigned Sales Application Engineer.



Created: 9/16/2014

By: C. Green

Revised: --