

SERVICE BULLETIN #44

DATE: April 25, 1983  
TO: All Midship & Light Truck Customers  
FROM: F. Buchler  
SUBJECT: STORAGE OF MIDSHIP, FRONT MOUNT, AND BOOSTER PUMPS

We have recently seen some deleterious effects in our gearboxes from extended pump storage. The problem (rust) was undoubtedly caused by a combination of humidity, extreme temperature changes, resulting in condensation inside the box. This rust could cause premature bearing and gearbox failures.

For your information, following our normal dynamometer test on the pumps, the gearboxes are drained of all oil in order to comply with Federal ICC shipping regulations. A residue of the original lubrication offers only limited protection for short periods of time (approximately 30 days) against condensation and the resultant rust. For pumps in storage beyond this period, we are suggesting additional protection be considered to guard against the potential of this condensation/rust.

A gear case filled completely with diesel fuel (relatively inexpensive) or motor oil during storage will offer this additional protection for indefinite periods of storage time. It can then be easily drained and filled with the proper lubrication prior to placing the pump on your assembly line.

We feel strongly that this simple suggestion will be beneficial for the short and long term performance of the pump, thereby realizing greater customer satisfaction.

F. Buchler, Mgr.,  
Customer Service

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