

This guide is only a point of reference- there is no implied warranty or guarantee of cause of failure or proper usage.

Please refer to your equipment's original operating manual for optimal guidance.

Industry testing shows that 95% of all pumps returned are due to improper usage and failure to follow recommended installation guidelines. To ensure the best possible performance of your new unit, please read the instructions below carefully.

### **GENERAL INSTALLATION INSTRUCTIONS**

- Power steering fluid used in your steering system must be **absolutely clean** before installation.
- Connecting pipes, lines and fittings should be inspected and changed out if necessary. All connecting parts should be compatible with the oil flow and free from damage or excessive wear. All lines should be free from sharp bends.
- It is important that the proper amount of power steering fluid is used in your steering system. The pump reservoir should only be  $\frac{1}{2}$  to  $\frac{3}{4}$  full. Filling your system with too much oil all at once can cause the front seals to blow out from the pump.
- Once fluid has been added and pump installed, start the engine and cycle the steering completely 4-5 times. Check for any abnormal noises as the lines and steering cylinders fill with oil. Afterwards, shut off engine and check the steering fluid levels to ensure proper level is met. Continue this process of bleeding the system by refilling the oil, running the engine, cycling the steering and refilling the oil again until steering is working properly.
- Single steering cylinder tractors should have the cylinder fully retracted before checking fluid level to ensure accuracy of reading.
- Dual steering cylinder tractors should be checked with the steering wheel straightened.
- Please refer to your equipment's original owner's manual for recommended fluid capacities and fluid grade.

To ensure proper pump performance and maximum efficiency, it is important to follow the steps above. Short cutting these steps may cause premature pump failure and/or damage to the pump.

**FAILURE TO COMPLY WITH THE ABOVE WILL INVALIDATE YOUR WARRANTY**