

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.

PRIOR TO INSTALLATION

Some cosmetic differences between the Sonic Turf product and your original product is standard. All function, specifications and performance meets your original product requirements. For some applications, slight modifications may be required.

Industry testing shows that 95% of all pumps and motors 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.

- Oil used in your hydraulic system must be absolutely clean before installation.
- Purge the complete hydraulic system and clean out the reservoir.
- Use magnetic filtration (plugs, rods and filters) in addition to conventional filters.
- Filters should be changed every 250 hours.
- Fill hydraulic system with the manufacturer recommended grade of oil for your equipment. Otherwise, utilize high grade premium oil such as Mobil synthetic sae20w50 oil or ISO VG-46, to ensure maximum life of your system.
- The hydrostatic transmission is a closed loop circuit. Use of non-suitable or contaminated oils may result in an immediate loss of viscosity and lubrication. This will cause rapid deterioration of internal components and damage the pump and motor. This will also void your warranty.
- Prime your hydraulic pump/motor with oil. Run at lowest rpm and zero pressure for several minutes. The pump and motor should run freely and not build up any leaks or heat. If the unit operates properly, the speed and pressure can be increased to normal settings slowly.
- A 10-micron filter should be used at the return line to keep the oil clean.
- Excessive side and end loading on the pump/motor shaft is not permissible.
- Exceeding the pump/motor's performance capabilities will result in reduced pump/motor life and failure. Refer to user operator's manual for technical specifications.

FAILURE TO COMPLY WITH THE ABOVE WILL INVALIDATE YOUR WARRANTY