

The TURBO TANK®

Most pump maintenance occurs because of the nature of plant operations.

Use the TURBO TANK® with:

- Inadequate NPSH pumps
- Cavitating pumps
- Dead headed pumps
- Dry running pumps
- Vacuum and suction lift pumping
- Operation away from the pump's best efficiency point

The TURBO TANK® mated with a double seal is especially effective on these pump systems:

- Last pump on a multi-pump header
- Running 1 pump of a parallel system
- Pumping onto a multi-valve manifold
- Pumps in combined parallel/series systems
- Vertical turbines
- Rotary compressors
- Top entering vertical mixers



Certain fluids are problematic with single seals. The TURBO TANK® mated to a double seal will better survive...

- Hot fluids
- Non lubricating fluids, like solvents
- Fluids that change state in the presence of air; examples - paint and glue
- Fluids that change state with temperature or pressure – vaporizing, crystallizing, solidifying fluids
- Vacuum applications
- Fluids with entrained air or gas.

With the TURBO TANK® there's no need to purchase new pumps and equipment. Simply convert your existing pumps to the TURBO TANK® with your preferred double mechanical seals. The recirculated liquid in the TURBO TANK® will absorb noxious gases and chemicals from the process and protect workers and the environment. Many process pumps use copious amounts of flush water for cooling and cleaning. This either damages the environment with contaminated water, or dilutes the process liquid and may have to be evaporated later downstream from the final product. The TURBO TANK® cools and cleans your seals and process by recirculating up to 2-gallons of barrier water or oil per minute through a 14-gallon tank.

- RESERVOIR** Up to 180° F, 14-gallon reservoir, translucent polyethylene tank construction, 33 in./.85 m.
- PUMP** Centrifugal, submerged, Up to 2 GPM, 5' TDH
- MOTOR** 115v single phase, 60 hertz
Optional 230v single phase, 50-60 hertz
- FLOAT VALVE** Mechanical with back-flow preventer 1/2" fitting, male connection
- TUBING** Flexible PVC, 3/8" OD, Quick connect fittings.
- INSTALLATION** No assembly required, no complicated mounting and start-up procedures; connect the tubing and start your pump.

