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## Mixer Operation

Your agitator has been designed for your specific application. Proper operating procedures will allow maximum performance. The following list will aid in the safe operation of your unit.

- **Do not** operate the unit before reading and following the instructions on all tags and nameplates attached to the unit.
- **Do not** operate the unit for extended periods with less than one (1) impeller's diameter liquid coverage above the lowest impeller. Increased side loading caused by operations at the liquid level will decrease unit life.
- **Do not** operate the unit at or near critical speed. If the unit runs from a variable speed device, it may be necessary to block out certain speeds from operation.
- **Do not** operate the unit in a fluid with a specific gravity or viscosity higher than that for which the unit was designed.
- **Do not** attempt to start a unit with the mixing impeller buried in solids or a "set-up" fluid.
- **Do not** attempt to repair or replace the magnet coupling assembly. Any operating problems should be referred directly to Magna-Safe International.
- **Do not** locate large pump discharges, or other agitators, down comers, coils, baffles, or other vessel internals close to the agitator impellers and extension shaft.
- **Do not** make any changes in the field (i.e., motor horsepower, agitator speed, shaft length, impeller diameter, impeller blade width, etc.) without reviewing the change with Magna-Safe International.

Should there be problems operating the unit, confirm that installation is correct. If you are unable to resolve the problem, contact Magna-Safe International.