

# WS35 - Repair Instructions

## Fynspray WS35 - 3/8" Impeller Pump

- Grease the pump thoroughly before operating.
- Mount the pump as near as possible to the liquid being pumped and ensure that suction pipe and fittings are air tight.
- Pumps are self priming but rely on the liquids for lubrication and should not be run dry for more than 20 seconds.
- For best results do not run the pump at a higher speed than necessary, keeping within the range of 500 to 1750 rpm.
- For increased impeller life, pressures should be kept below 0.7 bar.
- The impeller is heat resistant and designed to run between 40°F and 180°F. In conditions where freezing takes place, care must be taken to drain the pump after use by loosening the cover plate.
- Petroleum derived cleaning solvents such as naphtha, kerosene, benzine etc, and carbon tetra-chloride, paint and lacquer thinners cannot be pumped satisfactorily. In some cases oils can cause swelling of the impeller causing binding.
- **DO NOT** hammer pulley on to the shaft as this will damage the pump internally.  
**DO NOT** run pump dry for prolonged periods.  
**DO NOT** install pump with over tight belt as this will reduce the bearing life.

