

# Governor Products

## Solenoid-Operated Unloader Kit For Woodward XX Herringbone Gear Pump

ELIMINATES  
“SNAP-ACTION”  
PILOT VALVES

ELIMINATES  
MECHANICAL  
SWITCH

IMPROVES  
LEAD/LAG  
OPERATION

FIELD  
ADJUSTABLE

STANDARD  
COMPONENTS

ALARM OUTPUTS

COMPLETE KIT  
INCLUDES:

- BRACKETS
- FITTINGS



If you are having difficulty maintaining your “snap-action” unloader pilot valves and mechanical unloader switches, you may want to consider one of our pre-engineered pilot unloader upgrade kits.

Our Solenoid-Operated Unloader Kits include everything you need to replace your existing snap-action unloader pilot valves with industry-standard solenoid valves controlled by standard pressure switches. Our kits also feature time-delay relays that can be used to

trigger various alarms:

- Running too long in the loaded state
- Low oil level
- Loading malfunctions
- Motor or pump problems
- Excessive oil usage in governor

Kits are available for all sizes of XX gear pumps and IMO screw pumps with “snap-action” unloader pilot valves.

### SOLENOID-OPERATED UNLOADER KIT INCLUDES:

- Flange-mounted solenoid valves
- Pressure switches (user-adjustable)
- Installation hardware:
  - Mounting brackets
  - Tubing
  - Fittings
  - Blanking plates
- Control enclosure with:
  - Lead/Lag selector switch
  - Time-delay relays
  - Terminal blocks
- Complete Installation Instructions

American Governor is committed to supporting all your governors, regardless of manufacturer or model, with parts, field service, technical support, training and engineering for as long as you wish to keep them in service. These kits may also be applicable to other pump systems. Please consult your Regional Office for assistance.



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