



**Elevator
Equipment
Corporation**

Jack Leak Monitoring System



Jack leak monitor station, which is mounted near the elevator controller.

**Continuously
Monitors Your In-
Ground Jack Unit!**

- Purpose:** To detect the leakage of either water or oil into the sealed PVC liner and also provides a manual monitoring method for verifying the leakage in the liner.
- General Design:** The EECO jack leak monitoring system is designed as a discriminating device. That is, the monitor array is designed to report the presence of a liquid trapped between the jack cylinder and the sealed PVC liner and to determine whether the liquid is water or oil. A secondary test for verification of leakage can be made by applying a suction pump to the test line at the monitor control block.
- Leakage notification:** The solid-state monitoring station requires a regular 120 VAC power supply and can be mounted up to 60 feet away from the jack in the machine room.
- Monitor response:** The monitor is equipped with three (3) LED's which are: green for power, yellow for water and red for oil. If water is detected, only the yellow LED will light. If oil is detected, the red LED will light and an eighty (80) dba sonic alarm sounds intermittently, notifying of a possible cylinder leak. At the same time, a type "C" dry contact is provided which can be used to simulate a low oil condition or for remote monitoring.
- Future Maintenance:** All detector components are made of the highest quality materials and should last an indefinite period of time. However, should the sensor unit require replacement, it can be removed and replaced without disturbing the jack assembly.
- Features:** Continuous monitoring.
Discriminates between water and oil.
Solid-state monitoring station.
Replaceable sensor unit.
Secondary leak verification system.
Can be used for remote monitoring.
Sealed PVC liner with pressure testing capability.
Easy access to monitor control block at jack head.



Jack unit cut-a-way showing the EECO cylinder leak monitor installed in a sealed PVC liner.

To order, or for additional information please call us at:

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