

SJE OIL SPOTTER™ AUTO SYSTEM

Monitors and Controls Pump Used In Water/Oil Environments

- NEMA 1 enclosure for indoor use
- Water/Oil drain switch (hand mode)
- LED indicators:
 - High water alarm (red)
 - High oil (red)
 - Pump run (green)
 - Power on (green)
- Oil water switch:
 - High oil float
 - High water probe
 - Start probe
 - Stop probe
 - Reference probe
- Auto/Hand switch
- Pump disconnect breaker
- Control fuse



SJE
Rhombus

SJE OIL SPOTTER™ AUTO SYSTEM

For water/oil environments.

Function

The SJE Oil Spotter™ Auto system is designed to provide pump control and alarm notification of potentially threatening water and oil levels in simplex pumping applications. The system features an innovative **Oil Water Switch** that **senses the difference between oil and water** to remove water from the tank, while preventing oil from being pumped into the environment.

The panel employs a terminal block for one 120 VAC pump wiring, 120 VAC oil containment valve and 120 VAC water drain valve. Another terminal block is for wiring the probe, high water alarm float, and auxiliary alarm connection. The panel also includes a **Auto/Hand pump switch** and **Water/Oil drain selection switch** (functions in HAND mode only).

In normal operation the pump will turn on and off as the water level activates the probes (5" (12.7 cm) pump range). If water level rises enough to activate the **high water probe**, a red indicator will illuminate and activate auxiliary contacts. If the oil level reaches the **high oil float**, a red indicator will illuminate and activate the auxiliary contacts, the pump energizes along with the valves to automatically remove contaminated water/oil into a holding vessel.

In Hand operation (spring loaded) the operator can manually pump out the water/oil from the pit. The valve selection switch allows the operator to choose if the valves are activated or not.

Features

- LED indicators: High water; High oil; Pump run; Power on
- Auto/hand switch (spring loaded to auto)
- Helps satisfy requirements of an ASME A17.1 compliant system

Models

Description

- **1038943** SJE Oil Spotter™ Auto System
- **1038946** SJE Oil Spotter™ Auto System, Tank Alert® AB Alarm



Installation Diagram

