## Sensor Description

Oil/Water Separator Sensor (OWSS)

The Oil/Water Separator Sensor (OWSS) allows you to utilize your existing Veeder-Root system for your Oil Water Separator tank. The OWSS facilitates operation of the tank by monitoring product thresholds, and will activate alarms on the TLS monitoring system when tank contents exceed a predetermined threshold. The probe also provides the conditions for these alarms and a full alarm history.

## Part Number

794690-xxx

## Category

- Discriminating
- Non-Discriminating
- Position Sensitive
- Level Sensing
- Static Testing
- Hydrostatic
- Vapor
- Groundwater
- Oil/Water Separator

## Fuel Compatibility

- Gas
- Diesel
- Kerosene
- Jet Fuel
- Aviation Gas
- E-15
- E-85
- E-100
- DEF
- Waste Oil
- Bio-Diesel 20
- Bio-Diesel 100

## Console Compatibility (International Only)

### Recommended Min. Console Software

<table>
<thead>
<tr>
<th>Module</th>
<th>Module Description</th>
<th># of Sensors per Module</th>
<th>Availability</th>
</tr>
</thead>
<tbody>
<tr>
<td>TLS-450PLUS (8600 Series)</td>
<td>6A or Higher</td>
<td>Universal Sensor Module (USM)</td>
<td>Up to 4</td>
</tr>
<tr>
<td>TLS-450</td>
<td>4A or Higher</td>
<td>Universal Sensor Input Output Module (USIO-M)</td>
<td>Up to 8 - TLS-4XX w/ opt. TLS-XB</td>
</tr>
<tr>
<td>TLS4 (8601 Series)</td>
<td>6A or Higher</td>
<td>Interstitial Sensor Interface Module</td>
<td>Up to 8</td>
</tr>
<tr>
<td>TLS4i (8601 Series)</td>
<td>6A or Higher</td>
<td>4 Probe / 4 Sensor Interface Module</td>
<td>4</td>
</tr>
<tr>
<td>TLS4B (8601 Series)</td>
<td>6A or Higher</td>
<td>4 Probe / 8 Sensor Interface Module</td>
<td>8</td>
</tr>
<tr>
<td>TLS4c (8601 Series)</td>
<td>6A or Higher</td>
<td>2 Probe / 8 Sensor Options</td>
<td>8</td>
</tr>
</tbody>
</table>

## Alarm Notification

- Normal: Tank is properly setup with liquid
- Liquid Warning: Oil is present in tank
- Liquid Alarm: Oil has reached its maximum volume, remove from tank
- Sensor Out: Sensor not communicating to ATG/Console

## Specifications

- Operating Principle: Reed Switch/Float
- Product Activation Height: Custom-Based on Tank Configuration
- Operating Temperature: 0 to +140°F (0 to +60°C)
- Dimensions: Custom-Based on Tank Configuration
- Miscellaneous/Notes: Standard Cable Length: 12ft (3.66m) - See Appendix B in this manual for sensor sizing
- Product Link: Oil Water Separator Sensor
- Warranty with System: 1 Yr Parts & Labor
- Warranty (When purchased separately): 1 Yr Parts Only

## Where Used (Typical)

- Dispenser Pan
- Spill Containment
- Annular Space
- Monitoring Well
- STP Sump
- Oil/Water Separator Tank
- Convault Tank
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Example Illustrations

Illustrations used in this guide for example sensor installations may contain components that are customer supplied and not included with the sensor. Please check with your Veeder-Root Distributor for recommended installation accessories.

Third Party Evaluations

Third party evaluations of the Veeder-Root sensors contained in this application guide can be found under the Veeder-Root vendor name on the National Work Group on Leak Detection Evaluations (NWGLDE) website:

http://www.nwglde.org

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