

**TRANSFORMER OIL
CONTAINMENT**



**OIL SPILL
PREVENTION**

Utility Oil Smart System: Transformer Oil Containment and Oil Spill Prevention

The SEEwater Oil Smart® System continues to be the recognized solution for electric utilities to comply with the Spill Prevention, Control, and Countermeasure Plan. Since 1995, the Utility Oil Smart Spill Prevention System has been the reliable choice for satisfying regulatory requirements, preventing bad publicity and excessive fines.

The Utility Oil Smart System allows water to be pumped from transformer oil containment areas and underground vaults into waterways and the environment without the risk of pumping oil. The system combines automatic water pump control along with high liquid alarm features to send warning signals to SCADA and other building management systems in the event of a high liquid or oil spill.

System Features

- NEMA 4X Outdoor/Indoor Enclosure
- Visible indicators- Yellow Oil Light, White Water Light, Green Pump Run Light, HOA Switch, High Red Beacon Alarm Light, 85 Decibel Alarm
- Oil Smart, On & Off Pump Controller; Pumps water without the risk of pumping oil.
- Liquid Smart Alarm Sensor; Alarm differentiates and indicates if oil or water is present.
- Dry contacts for SCADA/building management systems for 24/7 monitoring
- No troublesome float switches; no moving parts
- Completely UL/CSA Certified
- The system can be purchased with or without the pump. The system easily retrofits to any existing installation and pump.

Pump Features

- Durable cast iron construction
- Non-clogging engineered thermoplastic vortex impeller design
- Model 151 - 1/3 HP passes 1/2" spherical solids
- Model 152 - .4 HP passes 3/4" spherical solids
- Model 153 - 1/2 HP passes 3/4" spherical solids
- Motor - 60 Hz, 3450 RPM, oil-filled, hermetically sealed, automatic reset thermal over load protected
- CSA certified C/US tested to UL Standard CSA22.2 No. 108



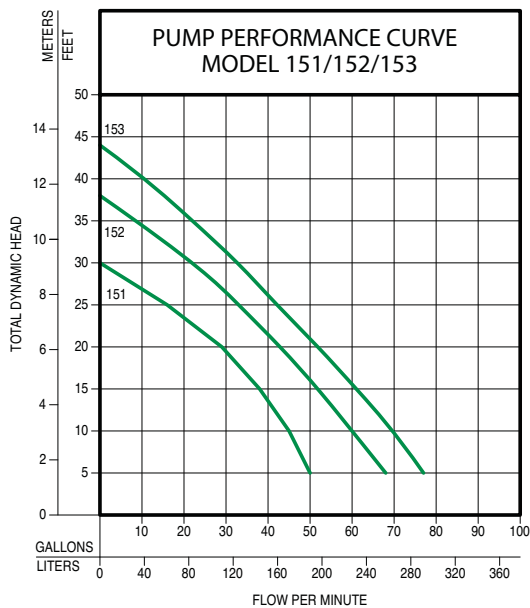
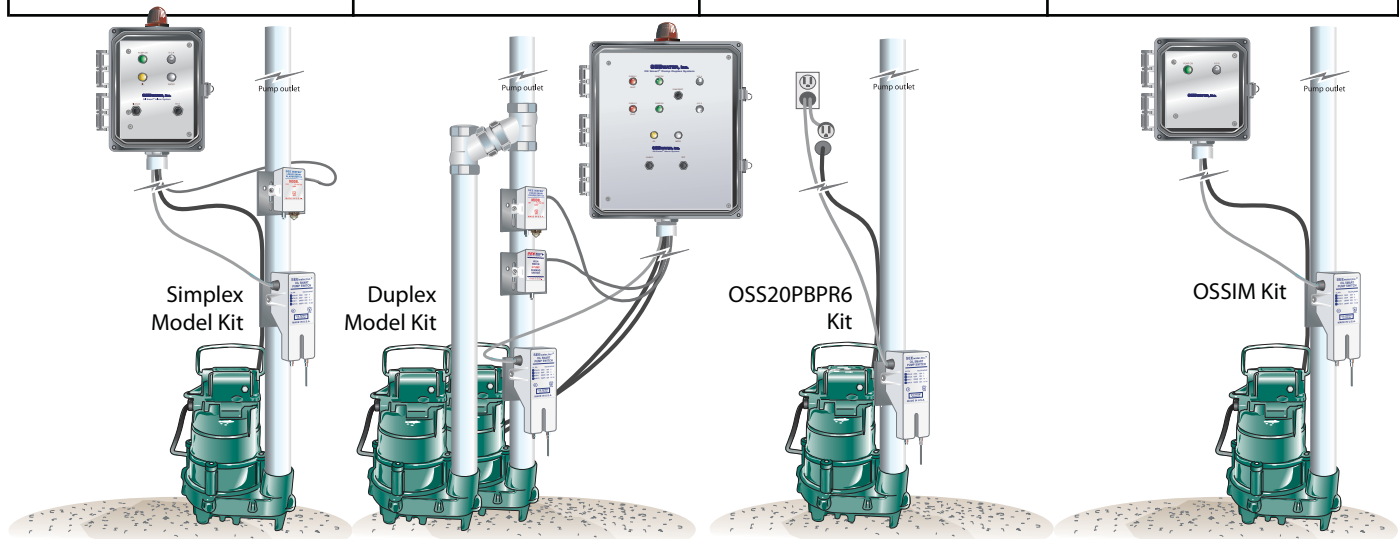
Transformer
Oil Containment
Installation, Substation:
Sacramento, CA



UTILITY OIL SMART® SYSTEM

Utility Oil Smart Kits

Simplex Model Kits	Duplex Model Kits	OSS20PBPR6 Kits (No Alarm)	OSSIM Pump Control Kits (No Alarm)
#151-OSSIM-30 #152-OSSIM-30 #153-OSSIM-30 <i>Includes:</i> Simplex Control Panel Liquid Smart Alarm Switch Oil Smart Pump Controller Pump	#151-OSD1P-3 #152-OSD1P-3 #153-OSD1P-3 <i>Includes:</i> Duplex Control Panel Liquid Smart Alarm Switch High Water Two Pump Switch Oil Smart Pump Controller Two Pumps	#151-OSS20PBPR6 #152-OSS20PBPR6 #153-OSS20PBPR6 <i>Includes:</i> Oil Smart Pump Controller Pump	#151-OSSIM #152-OSSIM #153-OSSIM <i>Includes:</i> OSSIM Control Panel Oil Smart Pump Controller Pump
Simplex Advantage The control panel combines Oil Smart pump control and alarm technology. Includes visible mounted features for complete monitoring and dry contacts to connect to building automation or SCADA system.	Duplex Advantage The control panel combines Oil Smart pump control and alarm technology. Includes visible mounted features and dry contacts to connect to building automation or SCADA system. Duplex control provides pump rotation for longer pump life and high demand two pump operation.	OSS20PBPR6 Advantage The Oil Smart Pump Controller is a stand alone control that will operate any pump up to 1HP requiring no control panel. The control automatically pumps water without the risk of pumping oil. Quick installation with piggyback plug control.	OSSIM Advantage The OSSIM control box provides a means for hardwiring the pump control and pump in the field. This is designed for applications where no alarm is required (i.e. city underground vaults). The system includes a green pump run light and HOA (Hand-off-auto) Switch.



Pump Comparison Chart			
Model	HP	Amps	Volts-Ph
151	1/3	6	115-1
152	4/10	8.5	115-1
153	1/2	10.5	115-1
208,240,480VAC, Three Phase Pump/Controls Available			

Fail-Safe Technology since 1995.



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