

# Leakwise Oil-on-Water Monitoring Systems Application Notes and Industries

## Application Notes

1. Above Ground Oil Storage
2. Floating Roof
3. Hydrocarbon Pipeline
4. Sheen Detection: An Alternative Solution to On-Line PPM Analyzers
5. Power Generation Plants
6. Power Distribution
7. Leak Detection by Groundwater Monitoring
8. Groundwater Remediation
9. Hydro-Electric Power Plants

Each application notes is referenced by its corresponding number below. To use the table, find your industry or application in the left-most column then move across the page to the right until a box is filled in with the application-specific Leakwise sensor model number. Follow the column upward to determine which application note from GE Analytical Instruments best covers your area of interest. These application notes are available in pdf format at [www.geinstruments.com](http://www.geinstruments.com), Library, Application Notes, Oil on Water. Please direct your questions to [geai@ge.com](mailto:geai@ge.com) or call 303-444-2009/800-255-6964.

Applications	Application Note Number and Applicable Leakwise Sensor Model								
	1	2	3	4	5	6	7	8	9
Boiler Condensate				ID-221 ID-223					
Cooling Water				ID-221 ID-223					
Desalination Intake Protection				ID-227 ID-227WL					
Drinking Water				ID-221 ID-225					
Environmental Regulations Compliance	ID-221 ID-223 ID-225	ID-223	ID-221 ID-223 ID-225		ID-221 ID-223 ID-225	ID-223	ID-221 ID-225	ID-225	ID-221 ID-225
Gas Stations	ID-223						ID-221 ID-225	ID-225	
Groundwater Monitoring	ID-221 ID-225			ID-221 ID-225	ID-221 ID-225		ID-221 ID-225	ID-225	
Groundwater Remediation	ID-225			ID-225	ID-225		ID-225	ID-225	
Hydro-electric Power Plants				ID-221 ID-225 ID-223	ID-221 ID-225 ID-223	ID-223	ID-221 ID-225		ID-221 ID-225 ID-223
Hydrocarbon Pipelines	ID-223		ID-223	ID-223			ID-221 ID-225	ID-225	
Oil Refineries	ID-223	ID-223	ID-223	ID-221 ID-223 ID-225 ID-227 ID-227WL		ID-223	ID-221 ID-225	ID-225	
Oil Terminals	ID-223	ID-223	ID-223	ID-221 ID-223 ID-225		ID-223	ID-221	ID-225	
Oil/Water Separators	ID-221 ID-223 ID-225			ID-221 ID-223 ID-225	ID-221 ID-223 ID-225				ID-221 ID-223 ID-225
Petrochemical	ID-221 ID-223	ID-223	ID-223	ID-221 ID-223 ID-225 ID-227 ID-227WL		ID-223	ID-221 ID-225	ID-225	

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	1	2	3	4	5	6	7	8	9
Power Utilities	ID-223		ID-223	ID-221 ID-223 ID-225	ID-221 ID-223 ID-225	ID-223	ID-221 ID-225	ID-225	ID-221 ID-223 ID-225
Remote Substations				ID-223		ID-223			
Rivers/Lakes				ID-221 ID-223 ID-225 ID-227 ID-227WL			ID-221 ID-225	ID-225	
Sea Ports/Oil Jetties			ID-227 ID-227WL	ID-227 ID-227WL					
Steel/Aluminum Production	ID-221 ID-225 ID-223			ID-221 ID-225 ID-223	ID-221 ID-225 ID-223	ID-223	ID-221 ID-225	ID-225	
Storm Water Collection	ID-223	ID-223	ID-223	ID-223	ID-223	ID-223			
Tank Farms	ID-221 ID-223	ID-223	ID-223	ID-221 ID-223 ID-225			ID-221 ID-225	ID-225	
Transportation (airports, ships, trains, highways, car parking areas)	ID-221 ID-223 ID-225	ID-223	ID-223	ID-221 ID-225 ID-223			ID-221 ID-225	ID-225	
Water Treatment Plants				ID-221 ID-223 ID-225			ID-221 ID-225	ID-225	
Edible Oils	ID-221 ID-223 ID-223			ID-221 ID-223 ID-223		ID-223	ID-221 ID-225	ID-225	
Pulp and Paper	ID-221 ID-223 ID-223			ID-221 ID-223 ID-223		ID-223	ID-221 ID-225	ID-225	
Pharmaceuticals	ID-221 ID-223 ID-225			ID-221 ID-223 ID-225		ID-223	ID-221 ID-225	ID-225	