

Issue Date: April 15, 2022

## Franklin Fueling Systems

### EVO 600 and EVO 6000 with TSP-LL2 Magnetostrictive Probe

#### CONTINUOUS IN-TANK LEAK DETECTION METHOD (CONTINUOUS AUTOMATIC TANK GAUGING)

<b>Certification:</b>	Leak rate of 0.1 gph with PD = 96.4% and PFA = 3.6%.
<b>Leak</b>	0.05 gph
<b>Threshold</b>	A tank system should not be declared tight if the test results indicate a loss or gain that exceeds this threshold. A message printed for the operator if this threshold is exceeded.
<b>Applicability</b>	Gasoline, diesel, and aviation fuel. <b>California Code of Regulations require a written statement of compatibility for systems containing products other than those used in this evaluation.</b>
<b>Tank Capacity</b>	<b>Maximum of 20,650 gallons. Tank must be at least 14% filled.</b>
<b>Waiting Time</b>	6 hours 4 minutes.
<b>Test Period</b>	Data collection time is between 3 hours 45 minutes and 8 hours 2 minutes. Average collection time is 5 hours 19 minutes. Maximum test time is 14 hours 6 minutes. Data sampling frequency is at least once per minute.
<b>Temperature Water Sensor</b>	Average for product is determined by a minimum of 5 thermistors. Must be used to detect water ingress. Minimum detectable water level in the tank is 0.940 inch. Minimum detectable change in water level is 0.012 inch.
<b>Calibration</b>	Thermistors and probe must be checked and, if necessary, calibrated in accordance with manufacturer's instructions.
<b>Comments</b>	System reports a result of "pass" or "fail". Tests only the portion of the tank containing product. Not tested on manifolded tanks. As product level is lowered, the leak rate in a leaking tank decreases (due to lower head pressure). Consistent testing at low levels could allow a leak to remain undetected. EPA leak detection regulations require testing of the portion of the tank system which routinely contains product.

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**Appearance on this list is not to be construed as an endorsement by any regulatory agency nor is it any guarantee of the performance of the method or equipment. Equipment should be installed and operated in accordance with all applicable laws and regulations.**

**For full details, please refer to our expanded "[DISCLAIMER](#)" page.**