

55 885 " ATG

## Veeder-Root

TLS 350, 350PC, 350R, 350RPC, 350Plus, Red Jacket ProMax Leak Detector, with Series 8484  
PLLD and TLS 450 Series 8590 DPLLD

### AUTOMATIC ELECTRONIC LINE LEAK DETECTOR

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Certification</b>     | Leak rate of 3.0 gph at 10 psi* with PD = 100% and PFA = 0%.<br>Leak rate of 0.2 gph at operating pressure with PD = 100% and PFA = 0%.<br>Leak rate of 0.1 gph at 1.5 times operating pressure* with PD = 100% and PFA = 0%.<br>*Since leak rate varies as a function of pressure, this leak rate and pressure were certified using an equivalent leak rate and pressure, in accordance with an acceptable protocol. |
| <b>Leak Threshold</b>    | 1.88 gph for leak rate of 3.0 gph.<br>0.17 gph for leak rate of 0.2 gph.<br>0.05 gph for leak rate of 0.1 gph.<br>A pipeline system should not be declared tight if the test result indicates a loss that equals or exceeds this threshold.                                                                                                                                                                           |
| <b>Applicability</b>     | Gasoline, diesel, aviation fuel, ethanol blends up through E100, biodiesel blends B6-B20 meeting ASTM D7467, biodiesel B100 meeting ASTM D6751*.                                                                                                                                                                                                                                                                      |
| <b>Specification</b>     | System tests pressurized fiberglass and steel pipelines.<br>Tests are conducted at operating pressure.<br>System will not function with a mechanical line leak detector installed in the pipeline.                                                                                                                                                                                                                    |
| <b>Pipeline Capacity</b> | Maximum of 98.4 gallons.                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Waiting Time</b>      | None between delivery and testing.<br>Minimum of 16 minutes between dispensing and testing for leak rate of 3.0 gph.<br>Minimum of 45 minutes to 1 hour between dispensing and testing for leak rate of 0.2 gph.<br>Minimum of 2 hours, 30 minutes between dispensing and testing for leak rate of 0.1 gph.                                                                                                           |
| <b>Test Period</b>       | Response time is 28.8 seconds for leak rate of 3.0 gph.<br>Response time is 32 to 48 minutes for leak rate of 0.2 gph.<br>Response time is 18 minutes for leak rate of 0.1 gph.<br>Test data are acquired and recorded by a microprocessor.<br>Calculations are automatically performed by the microprocessor.                                                                                                        |

DATA SHEET CONTINUED ON NEXT PAGE