

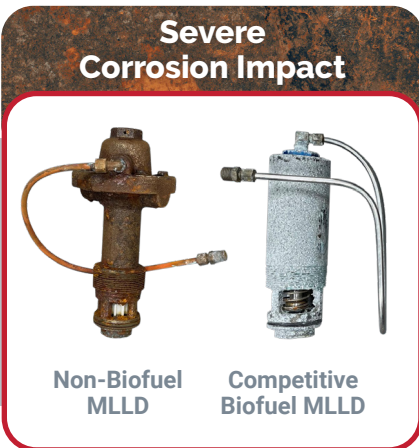
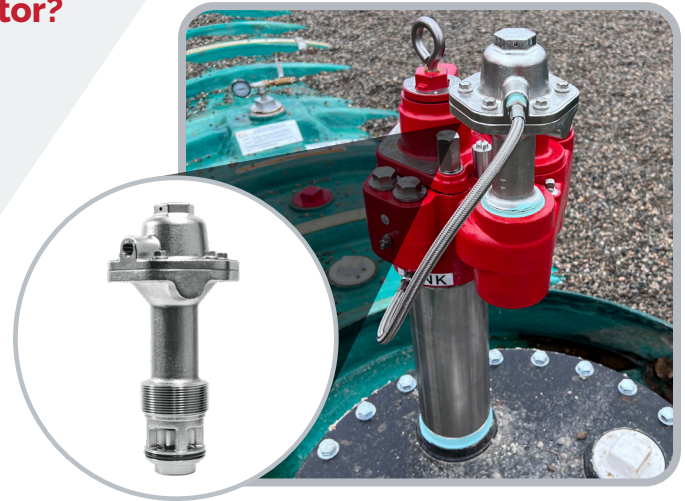
The Biofuel Mechanical Line Leak Detector

Expand Your Fuel Compatibility & Protect Your Investments

Why the Biofuel Mechanical Line Leak Detector?

With the increased usage of alternative fuels, The Red Jacket Biofuel Mechanical Line Leak Detector (MLLD) **provides additional UL Listed protection*** from higher concentrations of ethanol, biodiesel, and specialty fuels. Its upgraded design includes a stainless steel body, cap, and machined components, to withstand the harshest corrosive environments.

* Compared to the traditional Red Jacket Non-Biofuel MLLD



Test: The Red Jacket Biofuel MLLD was tested against the Red Jacket Non-Biofuel MLLD and a competitive Biofuel MLLD in a 28-Day Salt Spray evaluation, per ASTM G85.

Outcome: There were significant differences between both the competitive Biofuel MLLD and the Red Jacket Non-Biofuel MLLD, whereas the Red Jacket Biofuel MLLD showed minimal signs of corrosion.

► INCREASE YOUR SITE FUEL COMPATABILITY

The Biofuel MLLD is UL Listed for additional fuel types compared to the Non-Biofuel MLLD

The Biofuel MLLD is the newest model of the Red Jacket Mechanical Line Leak Detectors. It is permanently installed in the fuel line and performs a 3 Gallons Per Hour (GPH) / 11.4 Liters Per Hour (LPH) test automatically. It offers the fastest mechanical line leak test available for hourly monitoring – while complying with the U.S. Federal Environmental Protection Agency (EPA) catastrophic line leak detection requirements. If a leak is detected, fuel flow is restricted to the dispensers.

RED JACKET MECHANICAL LINE LEAK DETECTORS

Leak Detector Model	Gasoline		Diesel	
	10% Ethanol	Up to 85% Ethanol	Up to 5% Biodiesel	Up to 100% Biodiesel
Non-Biofuel MLLD	✓ UL Listed	✗ Not Approved	✓ UL Listed	✗ Not Approved
Biofuel MLLD	✓ UL Listed	✓ UL Listed	✓ UL Listed	✓ UL Listed

► PROTECT AGAINST CORROSIVE CONDITIONS

Know the Sump Conditions that Lead to Corrosion

- Sumps frequently have increased moisture
- Corrosive conditions are caused by the Acetic Vapor byproduct produced when ethanol or biofuels, bacteria, and water are present

Avoid the Risk of Doing Nothing

- Prevent potential leaks
- Reduce replacements due to unserviceable leak detectors

Take the Competitive Advantage

- Simple Installation
- Lower operating and servicing costs with less potential for failures*

Be Ahead of the Curve

- Regulators continue to push higher and higher ethanol and biodiesel concentrations
- Have your infrastructure ready with the correct equipment to serve the fuels and technology of tomorrow



* Compared to the traditional Red Jacket Non-Biofuel MLLD

► FEATURES

- Meets EPA requirements in environments that experience extreme temperature changes
- Corrosion resistant with robust stainless steel construction that works effectively in the harshest testing environments
- Adapts to applications using high-resiliency lines, such as flexible pipelines
- Hassle-free installation with flexible corrosion resistant, stainless steel hose
- Handles up to 11 feet / 3.4 meters of static head pressure
- No special tools required for installations and annual checks
- Compatible with any Red Jacket or competitive submersible turbine pump

► SPECIFICATIONS

The Biofuel Mechanical Line Leak Detector

Types of Pipelines	Fiberglass, steel, double wall, flexible, semirigid, or rigid piping
Nominal Diameter of Pipeline	10 inches or less / 25.4 centimeters or less
Maximum Installation Line System Size	416.7 gallons / 1,577.3 liters for rigid lines and 95.4 gallons / 361 liters for flexible lines
Maximum Operating Pressure	50 PSI / 3.4 bar
Pipeline Leak Threshold	1.5 GPH / 5.7 LPH @ 10 PSI / 0.7 bar at operating pressure

