

Системы кондиционирования Veeder-Root HydrX

Технические характеристики

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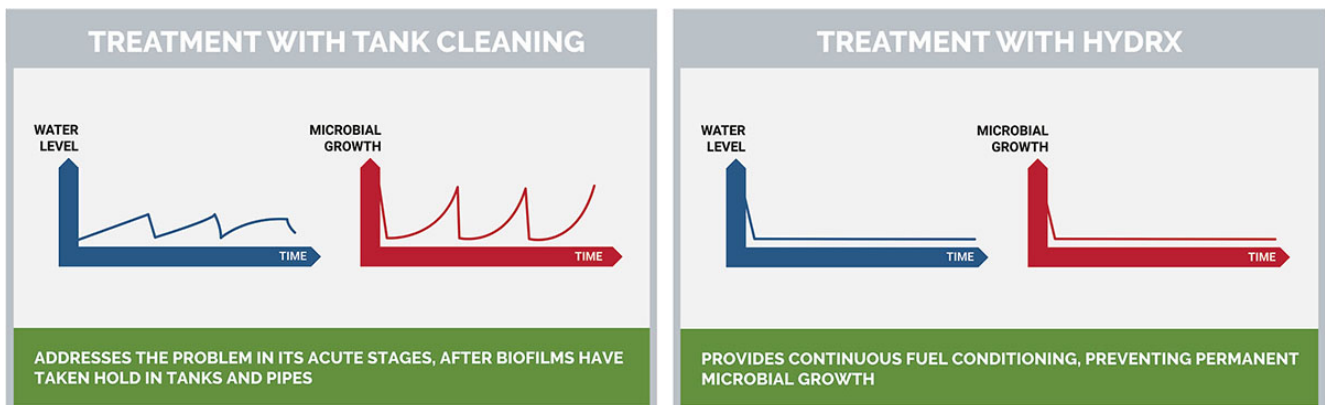
Hydrx Fuel Conditioning

COMBAT IN-TANK CORROSION

The Veeder-Root HydrX Fuel Conditioning System combats in-tank corrosion by providing continuous water removal within diesel underground storage tanks. HydrX unique design removes water from the lowest point in the tank, preventing water from stagnating on the tank bottom and breeding microbial contaminants. The integrated filtration removes entrained water, rust, sand, and microbial particulate from the fuel, polishing it before returning clean fuel back to the tank..

Keep your fuel within specification and maintain equipment at peak efficiency to avoid unplanned site shutdowns.

IMPROVE FUEL QUALITY AND MAINTAIN OPTIMAL FLOW RATE AT THE DISPENSER
Micro-biologically Influenced Corrosion, caused by growing microbes in water, has been a persistent issue that causes fuel degradation and premature equipment breakdown. Water contamination is the chief enemy of diesel storage. Stagnant water on tank bottoms is the breeding ground for microbial activity, which leads to the production of corrosive acids and microbial waste. Continuous water removal is the only long-term, sustainable solution for optimal tank health and diesel fuel quality.



Continuous Conditioning Combats Microbial Contamination

Removes standing and entrained water from the storage environment that may enter from delivery, flooded spill buckets, condensation, or leaky seals..

Removes rust, sand, and microbial particulate down to 25 microns from the fuel..

Intelligent operation includes options for scheduling during quiet periods and deliveries, auto-hibernation mode when ideal conditions are reached.

Benefits of a Fuel Conditioner for Diesel Operations

Lowers operations costs with the elimination of emergency tank cleanings and fuel polishing..

Improves safety and serviceability of tank equipment by removing water that is a leading cause of corrosion..

Increases flow rate at the dispenser, as the restriction from clogged filters would be eliminated with a well-maintained tank. Site operators can expect less frequent dispenser filter changes.

Continuous cleaning action ensures persistent conditions such as biofilms are mitigated.

How It Works

The Water Intake Device (WID)* is inserted through a spare bung in the Submersible Turbine Pump (STP) sump, which rests on the tank bottom to access water from the lowest point in the tank..

The WID is a multi-mode device powered by the STP to collect water from the bottom of the tank and entrained in the fuel, delivering it to the Fuel Conditioner in the sump. Fuel and water are separated through filtering, and the water kept in the containment vessel..

Separation and filtration purifies the fuel before returning it to the tank..

The TLS-450PLUS Automatic Tank Gauge (ATG) allows the user to see the water level real-time and alerts when the water containment vessel is full.

When the water containment vessel is full, the system will automatically shutdown until the water is removed from the containment vessel.

To remove the water, a site technician would quick-connect to the water containment vessel and drain water into a separate container for disposal.



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