



## High-Flow Locomotive DEF Filling System

Semler Industries is proud to bring 50+ years of industrial pumping and filtration experience to the rail industry with available solutions for fully integrated storage, transfer, purification and dispensing to your locomotive SCR system.

### DEF Bulk Storage Tanks

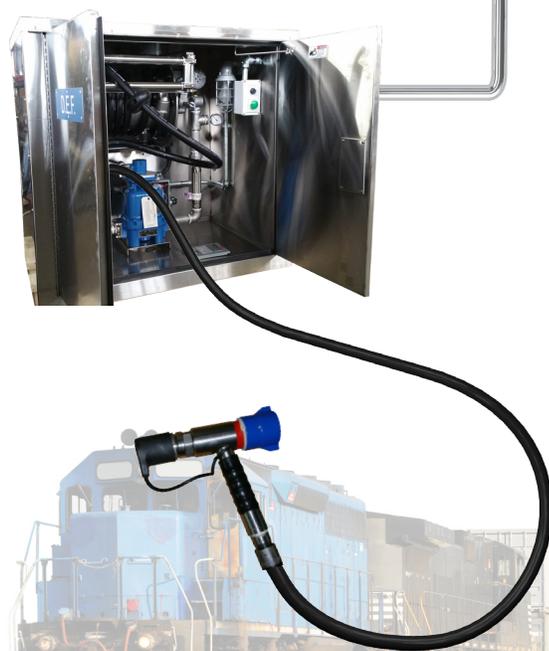
- HDPE or stainless steel tanks for high-volume storage
- Local and remote audible and visual alarm indicators
- Remote monitoring of fluid temperature & tank liquid level
- Automation package integrates with central control system to prevent overflow and pump run-dry conditions

### Transfer Pump and Controls

- Dual, parallel pumps for added reliability and longevity
- Stainless steel, positive-displacement pumps provide consistent flow despite varying conditions
- Automated control package provides continuous full flow rates regardless of how many dispensing points are in use.
- Instrumentation and HMI provides operator with instantaneous operating conditions within the system.

### Dispenser Cabinets

- High-quality, double-wall, insulated, stainless steel cabinets provide durability, aesthetic appeal, helps prevent product contamination, and allows for security against unauthorized users
- Local control panels integrate with main control package to provide consistent flow regardless of how many dispensers are in use, and shut down pumps when flow is shut off.
- Options for heat and fuel management system communication are available.
- Low watt-density heating system located between cabinet walls allows for even and safe heat dispersion in locations where heat is necessary
- Compatible with various dispensing nozzles for connection to locomotive DEF fill-port.



## Semler Industries Inc.

3800 North Carnation Street  
Franklin Park, IL 60131  
Phone: (847) 671-5650  
Fax: (847) 671-7686

semler@semlerindustries.com

[www.semleindustries.com](http://www.semleindustries.com)

Tanks/Controller



Dual Pump Skid



Dispenser Cabinet



Centralized Controls  
with HMI





## Rail Loading/Unloading Equipment

### Skills in Handling Solutions

Filtration Products	Industrial Filter Housings	Strainers
		
Spill Kits & Absorbent Media	Loading Arms	Meters & Other Instrumentation
		
Pump Assemblies	Safety Stairs	Rail Loaders/Unloaders
		 <p style="text-align: right;"><i>DD-250</i></p>

Semler Industries brings over 100 years of meeting customers' demands and 50+ years serving the petroleum and chemical markets together to meet the demands of DEF manufacturers, distributors, and users for the petroleum retail market. From low-flow drum dispensing to high volume storage and transfer, everything we do is focused on maintaining the quality of the fluid, and making it easy for you to handle.



### Semler Industries Inc.

3800 North Carnation Street  
Franklin Park, IL 60131  
Phone: (847) 671-5650  
Fax: (847) 671-7686  
semler@semlerindustries.com

[www.semleindustries.com](http://www.semleindustries.com)