



SMITH & LOVELESS INC.

# DI-SEP<sup>®</sup> SX-DAF

Upgrade Package



## Maximize SX Filter Performance with New DI-SEP<sup>®</sup> SX-DAF Upgrade

Smith & Loveless proudly offers the newest innovation to the Solvent Extraction (SX) Filter market with the introduction of **DISEP<sup>®</sup> SX-DAF** technology. SX-EW copper facilities throughout North & South America that upgrade with the **DISEP<sup>®</sup> SX-DAF** Upgrade Package will significantly increase filter performance with removal efficiencies up to 99% while – at minimum – doubling the throughput.

Fully tested in the field, the key development of **DISEP<sup>®</sup> SX-DAF** centers on the inclusion of robust dissolved air flotation incorporated into the filtration process. The addition of this step not only improves the filtration of organic material, but allows for less backwashing, no concern for wearing or clogging internals, and simple retrofitting into existing tankage. SX Filter market leader Smith & Loveless assists every step of the way.



*DISEP<sup>®</sup> SX-DAF incorporates dissolved air flotation into existing SX filters. Internals are easily added without expanding tank walls.*

### Design Benefits

- Superior Filtration Efficiency (up to 99%)
- Significantly Increased Throughput (2x-6x)\*
- Less Frequent Backwash Cycle
- Retrofits into Existing SX Filters (any brand)
- No Increases to Tank Side Wall Required
- Durable, Robust Design That Will Last
- Available for All Tank Sizes

*\*results may vary as throughput substantially increases*

### Upgrade Package Includes:

- Internals: DAF, Inlet, Outlet, Air Scour
- DAF Pumps (2 per filter, on skid)
- Instrumentation
- Valves
- Media
- PLC Controls
- Field Service by S&L

*Contact Smith & Loveless today to request pilot results, budget proposal and P&ID!*

**Online: [smithandloveless.com](http://smithandloveless.com) • Phone: 913.888.5201 • FAX: 913.888.2173**

SMITH & LOVELESS INC. SYSTEM INNOVATORS FOR GLOBAL PUMPING, WATER AND WASTEWATER TREATMENT