



SMART FILTER

FROM **SBS CORPORATION**

Cost Effective

Longer Quench Oil Life

Simple To Use

Clean Oil is vital for a statistically correct and fully functional quenching system. The SBS SMART FILTER Liquid Filtration System offers a cost effective, efficient means to continuously filter carbon and scale from your quench tank. Cleaner oil translates to cleaner parts, more consistent product, and longer quench oil life.

The SMART FILTER System comes complete with an all-iron circulating pump, control panel, a pressure gauge for continuous pressure readings, and a BAG MONITOR that initiates both light and sound alarms, alerting workers when filter bags need to be changed.

It's simple to add the SMART FILTER to your existing system — it will arrive at your plant skid mounted, pre-wired and ready for installation.

High volume audible alarm gives immediate indication when filter media requires changing

Pre-piped, prewired and finish painted for easy field installation

Self-contained, including all-iron circulating pump with high temperature seal and Viton elastomers, bag housing, and interconnecting piping and wiring



Pressure differential gauge products provide an easy to read indication of remaining bag life

NEMA 12 electrical enclosure

2400 gallon per hour bag filter with quick change cover

Industry standard #2 filter bags available from 1 to 1200 microns

Isolation valve for filter service and change out

Integral drip pan for oil containment

- Self-priming pumps available
- Hot oil option available to 600° F

A Size For Every Application

SIMPLEX



A simplex filter is normally installed on tanks under 2500 gallons where interruptible service is acceptable and dirt loadings consist primarily of soot, carbon and small amounts of scale.

DUPLEX



Duplex filters can be utilized where continuous, uninterrupted flow is desired. One filter vessel can continue to filter while the second housing is serviced. Also for interruptible service to 5000 gallons.

TRIPLEX



Triplex filters can be utilized for up to 5000 gallon tanks when uninterrupted flow is desired. Two vessels can filter while the third is being serviced. Also for interruptible service to 7500 gallons.

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