



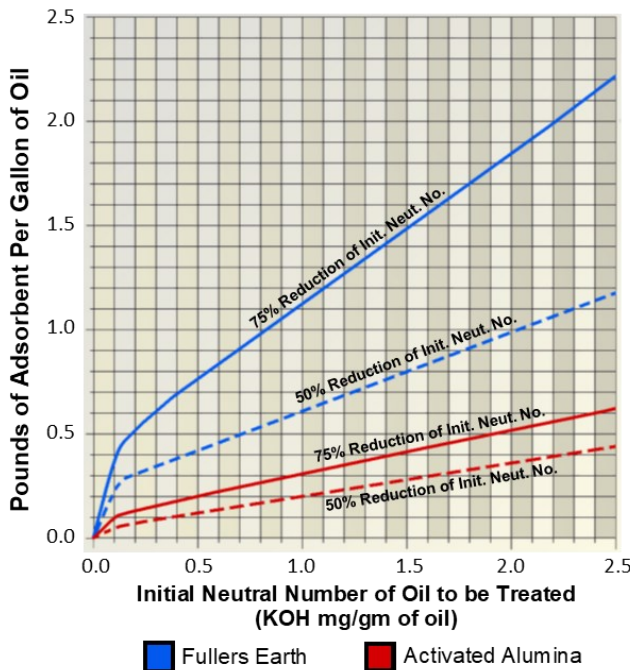
ADSORBENT TREATMENT SYSTEMS



FULLERS EARTH **SES522 - 250**

Before Treatment

The SES522 Adsorbent Treatment Systems (Fullers Earth) remove polar contaminants such as acids, oxidation by-products, and color bodies from numerous fluids. The bulk media systems can be used for stand-alone treatment or in conjunction with the SES320 conditioning systems to regenerate badly degraded ISO Class III insulating fluids and with multiple passes, "desludge" badly contaminated transformers. The SES522 system are available in three tower sizes as well as in dual and single tower configurations.



Approximate quantities of adsorbent material required for desired reduction in neutralization number of oil when using batch method of reclamation.

SPECIFICATIONS

Tower Capacity	250 lbs
Tower Quantity	Double or Single
Max Flow Rate	10 GPM / 38 LPM
Optimum Oil Viscosity	40 SSU
Pressure Drop (@ 40 SSU @ Max Flow Rate)	20 PSI

SPENT MEDIA EXTRACTION

Tilt for Media Extraction	Manual
Vacuum Assisted New Media Fill	High Speed
Vacuum Source	Optional
Spent Media Oil Blow Down Tank	Provided
Blow Down Air Compressor	Optional

CONSTRUCTION

Skid Mounted	Yes
Max Vessel Pressure Rating	100 lbf/in ²
Socket Weld Isolation Valves	Provided

INSULATING OIL RESTORED PROPERTIES

- Total Acid Number (TAN)
- Negative Neutralization Value
- Negative Interfacial Tension (IFT)
- Color
- Dissipation Factor
- Eliminates Sludge and Oxidation Byproducts
- Oxidation Stability *

*** Note:** Polar additives, such as oxidation inhibitors, can be removed during adsorbent treatment processing. Additive restoration requires an optional additive mixing and injection system.



SES522-250S

FLOW OPTIONS

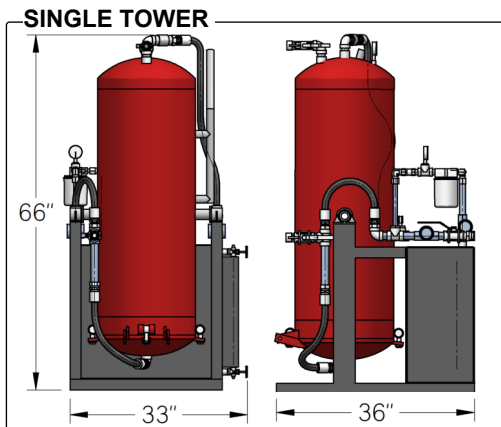
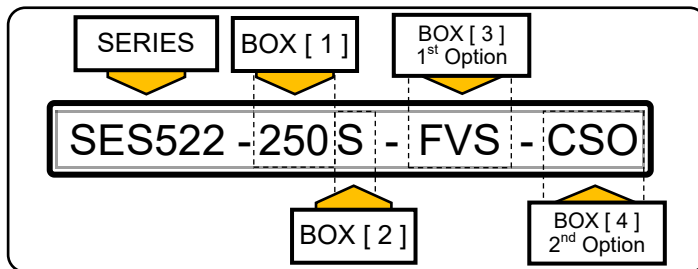
(DUAL PROCESSING TOWERS)	
Either Tower	Yes
Parallel through Both Towers	Yes
Series through Both Towers	Yes

After Treatment

HOW TO ORDER SES522-250

Construct a custom model number by placing desired options into the corresponding fields as shown in the example below.

[1] TOWER SIZE	
250	250 Gallon Processing Tower(s)
[2] TOWER QUANTITY	
S	Single Tower Configuration
D	Dual Tower Configuration
[3+] ADDITIONAL OPTIONS	
FVS	Fill Vacuum Source
OBC	Oil Blowdown Compressor
IIS	Inhibitor Injection System
CSO	Circulation System *
HSO	Heating System *
PAU	Process Automation Upgrade
SRM	Manual Storage Hose Reels
LRM	Manual Live Hose Reels
HAA	¾" x 25' Oil Hose Assembly
HAB	1" x 25' Oil Hose Assembly
TRL	Trailer Mounted*
* Contact SESCO for Specifications	

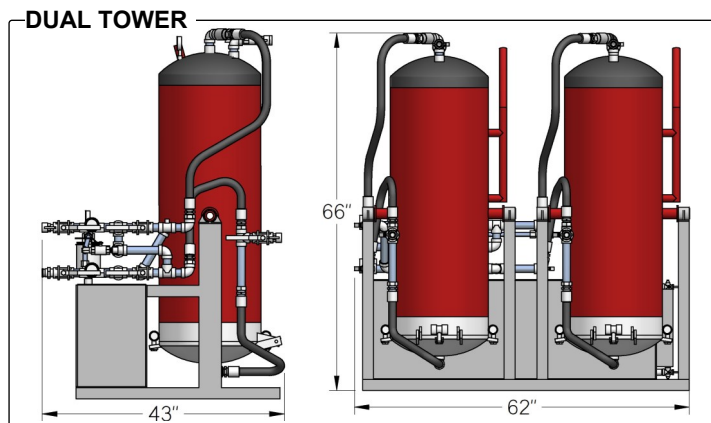


SINGLE TOWER DIMENSIONS	
Width	33 in 84 cm
Depth	36 in 91 cm
Height	66 in 168 cm

SINGLE TOWER WEIGHT	
Dry	925 lbs 419 kg
w/ Earth	1175 lbs 533 kg
w/ Earth & Oil	1482 lbs 672 kg

DUAL TOWER DIMENSIONS	
Width	62 in 84 cm
Depth	43 in 91 cm
Height	66 in 168 cm

DUAL TOWER WEIGHT	
Dry	1756 lbs 797 kg
w/ Earth	2256 lbs 1023 kg
w/ Earth & Oil	2870 lbs 1302 kg



(Optional) Trailer Installation

- 10,000 GVWR
- Adjustable Ball or Pintle Hitch
- Dual 4k Axles
- Electric Brakes
- AL Sheet & Post Sidewalls
- White Plywood Wall Liner
- Steel Tread Plate Floor
- Seamless Aluminum Roof
- Double Swing Rear Doors
- Curbside Entry Door
- Gooseneck Storage Access Door
- Heavy Duty Door Cam Locks
- Stone Guard
- Two Speed Tongue Jacks
- Corner Stabilizing Jacks
- Spare Tire With Holder
- Ample Media Storage Space

CONNECTIONS	
Oil Inlet	1" MNPT
Oil Discharge	1" FNPT
Media Fill Vacuum	1.25" FCAM
Oil Tank Drain	¾" FNPT

UTILITY REQUIREMENTS	
Air	10 CFM @ 75 PSI MIN
Vacuum	20 CFM @ 22 INHG

