

SANI-VAK

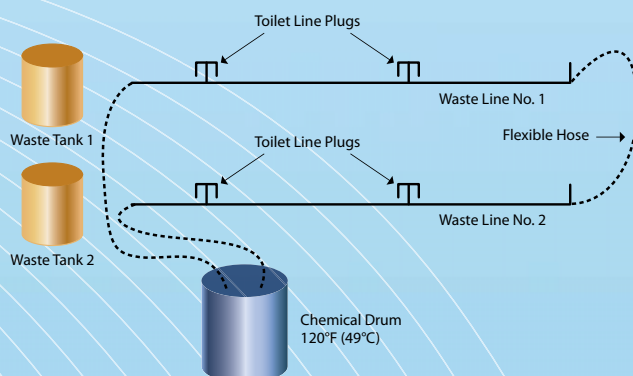
Toilet Scale Remover & Remediation Chemical

In order to maintain vacuum lines in optimum functioning order, it is important to maintain all components of the vacuum system (blowers, water separator filters, etc) free from scale. Flush valves in particular are susceptible to becoming stuck open due to scale buildup. This leaves a constant airflow, which then results in moist scale deposits drying out and becoming hard.

Celeste Gly-Vak® is the ideal product for maintenance of vacuum systems, however Gly-Vak is designed as a *routine* cleaner rather than a *remediation* cleaner, and is recommended for new or lightly scaled lines (less than 6mm / ¼" buildup). If buildup has already reached critical levels (greater than 6mm / ¼"), then Sani-Vak should be used to pre-treat systems prior to embarking on a Gly-Vak program to maintain lines.

Sani-Vak is an effective, acid-based cleaner and de-scaling agent that removes severe scale and hard deposits which accumulate in vacuum toilet system drain lines and components. It can be used either as a soaking tank solution, or as a recirculating product (in conjunction with Sani-Tank® N) to pre-treat lines prior to embarking on a Celeste Gly-Vak program for cleaning and maintenance of vacuum systems. Alternatively, Sani-Vak G is also available, a pre-blend of Sani-Vak and Sani-Tank N.

To use via the recirculation method, Boeing's Tool No. A38012 (modified) is required. (See schematic below and recommended usage). This recirculation method combines Sani-Vak and Sani-Tank N (or Sani-Vak G) with heat and agitation for optimum effectiveness. The recirculation method also precludes the need for total dismantling of the lav system.



Test References

AMS 1640B

Celeste PN: SP-VAK series



Before: Inorganic buildup typically found on lavatory flapper and components



After: Lavatory flapper has undergone a 4 hour soak with Sani-Vak

celeste[®]
Helping you create a great impression

SANI-VAK® · Recommended Usage



APPLICATION	PROCESS
SOAKING TANK SOLUTION	<ul style="list-style-type: none"> ▪ Fill large tank or vessel with Sani-Vak. ▪ Place parts to be cleaned (flappers, tanks, bellows, pump, screen, etc) into tank. ▪ Allow to soak 4 – 8 hours. Agitate if possible.
REMEDICATION CHEMICAL	<p>EQUIPMENT NEEDED: Boeing Tool A38012 (modified)</p> <ul style="list-style-type: none"> ▪ Disconnect each toilet from the waste system and cap the required toilet lines. ▪ Disconnect the waste line(s) at the waste tank(s) and connect the appropriate flexible hoses to the disconnected waste lines, including the appropriate flexible jumper lines. ▪ Pressure test the system. Adjust caps, fix air leaks to meet the manual requirement for the pressure check. ▪ Fill the stainless steel 55 gallon drum with 25 gallons of Sani-Vak and 25 gallons of Sani-Tank N or with 50 gallons of Sani-Vak G. Turn the heat on. When the fluid temperature reaches 120° F (49°C), turn off the heater and install the drum pump in the stainless steel drum. ▪ Attach one flexible line from the waste system line to the outlet of the drum pump, and submerge the other flexible line into the drum. After ensuring that all connections are properly made, turn on the drum pump. ▪ As the lines begin to fill, the fluid level in the drum will drop. Add additional quantities of one (1) part Sani-Vak and one (1) part Sani-Tank N to the drum to maintain the drum level at 50%. ▪ Once the filling of the lines is complete and the drum level is stable, allow the system to continuously circulate for 4 hours, ensuring that the solution remains heated for the duration. (See schematic). ▪ After 4 hours of soaking, rinse with water.
COMPANION PRODUCTS	Celeste Gly-Vak, Sani-Tank, Sani-Tank N, Sani-Vak G, Sani-Pak®

celeste[®]
Helping you create a great impression

Celeste Industries Corporation
PO Box 775
Easton, Maryland 21601 USA
Tel 410.822.5775 · 1.800.447.5775
Fax 410.822.7977

Celeste Industries Limited
Cockayne House
126/128 Crockhamwell Road
Woodley, Reading
Berkshire, RG5 3JH England
Tel ++44 (0) 118 9272111
Fax ++44 (0) 118 9272101

www.celestecorp.com

SANI-VAK® · FAQs

Q: What is the difference between Sani-Vak G and Sani-Tank N mixed with Sani-Vak?

A: None. Some of our customers choose to blend the two products themselves, while others prefer to receive them pre-blended. For customers that are using Sani-Tank N for multiple applications, it is often more convenient to have two separate products so that they can be blended as required.

Q: Can I replace Sani-Tank N with Sani-Tank for the recirculation method?

A: No. Sani-Tank N offers multifunctionality which Sani-Tank does not. Sani-Tank is designed for organic soils, not inorganic soils.

Q: Can I use just Sani-Vak for the recirculation method, rather than Sani-Vak plus Sani-Tank N?

A: Yes. However lab evaluations and field experience have shown us that the two products work better together rather than Sani-Vak alone.