

Service report

Separator



Major Service

Service conducted by certificated Alfa Laval service technician(s).



Service report

Arrival to site: 26.05.2025

Departure: 28.05.2025

Separator:

Customer name:



Customer machine tag:

No customer tag.

Service job no:

38379

Location:

Jönköping

Separator type:

WSPX 407TGD-71CG

Running hours:

Running hours.

Customer contact:



Module serial no:

Serial no:

Machine serial no:

4269462-2019

Control system

Control system:

Choose an item.

Comment:

No comment

Software version:

Software.



Picture of separator.



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Observations prior to service:

Separator har inte gått 20 tim sedan ny,

Inlet/ Outlet

Machine parts		Checked	Comments
1.1	General condition	<input checked="" type="checkbox"/>	Bra
1.2	Frame hood	<input checked="" type="checkbox"/>	Bra
1.3	Inlet/ outlet tube arrangement	<input checked="" type="checkbox"/>	Bra
1.4	Mechanical seal (inlet)	<input checked="" type="checkbox"/>	Bra
1.5	Mechanical seal (outlet)	<input checked="" type="checkbox"/>	N/A
1.6	Connections	<input checked="" type="checkbox"/>	Bra

Major service utförd, byte alla packningar och o-ringar samt lager.

Bowl:

Machine parts		Checked	Comments
2.1	General condition	<input checked="" type="checkbox"/>	Mycket bra
2.2	CIP-effect on bowl and frame	<input checked="" type="checkbox"/>	Bra
2.3	Bowl hood	<input checked="" type="checkbox"/>	Bra
2.4	Large lock ring	<input checked="" type="checkbox"/>	Bra
2.5	Small lock ring	<input checked="" type="checkbox"/>	Bra
2.6	Top disc	<input checked="" type="checkbox"/>	Bra
2.6	Gravity disc	<input checked="" type="checkbox"/>	Bra
2.7	Pairing disc heavy phase	<input checked="" type="checkbox"/>	Bra
2.8	Paring disc light phase	<input checked="" type="checkbox"/>	Bra



2.9	Pairing disc chamber (upper)	<input checked="" type="checkbox"/>	Bra
2.10	Pairing disc chamber (lower)	<input checked="" type="checkbox"/>	Bra
2.11	Discs	<input checked="" type="checkbox"/>	Bra
2.12	Distributor	<input checked="" type="checkbox"/>	Bra
2.13	Distribution cone	<input checked="" type="checkbox"/>	Bra
2.14	Bowl nut	<input checked="" type="checkbox"/>	Bra

Byte alla o-ringar och packningar.

Discharge system

Machine parts		Checked	Comments
3.1	General condition	<input checked="" type="checkbox"/>	Bra
3.2	Operating slide	<input checked="" type="checkbox"/>	Bra
3.3	Sliding bowl bottom	<input checked="" type="checkbox"/>	Bra
3.4	Erosion liner	<input checked="" type="checkbox"/>	N/A
3.5	PX ring	<input checked="" type="checkbox"/>	Bra
3.6	Discharge ports	<input checked="" type="checkbox"/>	Bra
3.7	Erosion liner ports	<input checked="" type="checkbox"/>	N/A
3.8	Discharge nozzles	<input checked="" type="checkbox"/>	Bra
3.9	OWM	<input checked="" type="checkbox"/>	N/A
3.10	Operating water valves	<input checked="" type="checkbox"/>	Bra

Major service utförd.



Frame and drive system:

	Machine parts	Checked	Comments
4.1	General condition	<input checked="" type="checkbox"/>	Mycket bra
4.2	Worm	<input checked="" type="checkbox"/>	N/A
4.3	Worm wheel	<input checked="" type="checkbox"/>	N/A
4.4	Oil level and condition	<input checked="" type="checkbox"/>	Bra
4.5	Vibration dampers (Feet)	<input checked="" type="checkbox"/>	Bra
4.6	Motor and electrical connection (visual)	<input checked="" type="checkbox"/>	Bra
4.5	Motor connection (mech)	<input checked="" type="checkbox"/>	Bra
4.6	Belt	<input checked="" type="checkbox"/>	Bra
4.7	Belt pulleys (sep and motor)	<input checked="" type="checkbox"/>	Bra

Description of work done in frame and drive system and findings after inspection.

Safety devices:

	Machine parts	Checked	Comments
5.1	Emergency stop	<input type="checkbox"/>	No comments
5.2	Speed sensor	<input type="checkbox"/>	No comments
5.3	Vibration sensor	<input type="checkbox"/>	No comments
5.4	Leakage sensor (nozzle monitor)	<input type="checkbox"/>	No comments

Testing of safety devices; vibration sensor and emergency stop.



Service process on site

Major service utförd med lager byte samt byte av alla packningar och O-ringar.

Test after service:

Test körning av maskin i manuellt läge utförd, kulan tät dvs stänger och skjuter. Får inte automation att fungera vilket i samråd med kund anses oviktigt då masinen skall säljas.



Vibration measurements:

Point	Measurement before	Measurement after	Unit
1	Value	3,0	mm/sec.
2	Value	2,0	mm/sec.
3	Value	1,9	mm/sec.
4	Value	2,1	mm/sec.
5	Value	1,8	mm/sec.
Bowl speed	Value	8375	Rpm.
Product	Empty: <input type="checkbox"/> Water: <input type="checkbox"/> Product: <input checked="" type="checkbox"/>		
Flow	Value	?	m ³ /h



Service recommendations / needed service:

Recommendations:	Immediately
Recommendations.	<input type="checkbox"/>
Recommendations.	<input type="checkbox"/>
Recommendations.	<input type="checkbox"/>
Recommendations.	<input type="checkbox"/>
Recommendations.	<input type="checkbox"/>

