



Alfa Laval Preventive Maintenance

To keep a **decanter** working efficiently, a comprehensive preventive maintenance program tailored to meet specific customer requirements and budget is the best choice.



Alfa Laval Preventive Maintenance

Decanter

Service only when needed

Preventive maintenance keeps a decanter working efficiently, which lowers total cost of ownership.

Likewise, preventive maintenance helps avoid unplanned interruptions, which can lead to production losses and accidents.

Finally, properly maintaining a decanter will increase its overall lifetime.



Description

Alfa Laval Preventive Maintenance Decanter

General offering

Alfa Laval offers a comprehensive and optimized preventive maintenance program tailored to meet your specific requirements and budget which includes several scheduled services:

- Intermediate
- Major
- Gearbox



Description

Alfa Laval Preventive Maintenance Decanter

Detailed offering

- Analysis of operating conditions
- Recommendation of service intervals and maintenance plan according to application
- Onsite performance of major and intermediate service according to service manual
- Supply of spare parts with OEM warranty
- Service reporting
- Recommendations for repair in a service centre, if needed



Service Report

Customer	
Service site	
Contact	

File reference	
Location	Order number
Date	Our Job Number
Yyyy-mm-dd	

Equipment information					
Item	Product group	Name	Model	Serial number	Customer item No.
				Conveyor number	Gearbox number

Work required _____

Summary of work carried out on above equipment _____

Full report on work carried out on above equipment _____

Recommendations _____

Customer's Comments _____

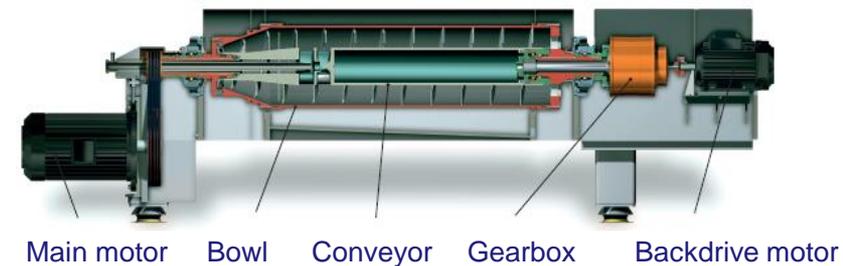
Next Service Date _____ Major Intermediate _____

Description

Alfa Laval Preventive Maintenance Decanter

Ten tips on how to take care of an Alfa Laval decanter

1. Ensure the key operating parameters (speed, solids density, feed rate) match the original design specifications.
2. Monitor the machine daily. Check vibrations and bearing temperatures. Look for leaks and investigate any abnormal noise.
3. On a weekly and monthly basis, check the casing for any solids build up (and remove if necessary).
4. Periodically check all automatic monitoring systems and shut-off devices for correct operation.
5. Every six months or 1000 hours, check – and adjust – gearbox oil level and belt tension.



Description

Alfa Laval Preventive Maintenance Decanter

Ten tips on how to take care of an Alfa Laval decanter

6. Always stick to the recommended lubrication intervals and the instructions for preventive maintenance.
7. Use only the approved brands of grease and oil and make sure they are within the recommended shelf life.
8. Keep service area and decanter surroundings clean. Always clean parts thoroughly before assembly. Tighten screws to the correct torque levels.
9. Use only genuine OEM-supplied tools for service and maintenance and store the tools in a clean, dry location.
10. Use only genuine spare parts for guaranteed performance, reliability and equipment life. Maintain a stock of key spare parts like grease, oil, intermediate and major service kits.



Benefits

Alfa Laval Preventive Maintenance Decanter

- Delivers peace of mind and operation reliability
 - Reduced downtime and production losses
 - Accidents avoided
- Secures maximum throughput
 - Optimized service intervals to meet customer process requirements
- Minimizes costs
 - Reduced decanter service and operating costs
- Delays investments
 - Overall increased decanter lifetime



When to use

Alfa Laval Preventive Maintenance Decanter

Get the most from a decanter

- Alfa Laval Service Partners know Alfa Laval decanters better than anyone else and provide quick, convenient and expert service
- Preventive maintenance service intervals are application dependent
- Preventive maintenance service intervals should be scheduled according to the recommendations in the decanter manual and recommendations given by Alfa Laval Service Partners



Related services

Alfa Laval Preventive Maintenance Decanter

Related Services for Alfa Laval Preventive Maintenance Decanter

- Repair Decanter
- Service Kits Decanter
- Service Tools Decanter
- Spare Parts Decanter
- Condition Audit Decanter
- Condition Monitoring Decanter



Customer case

Alfa Laval Preventive Maintenance Decanter

A customer in the chemical industry uses decanters as part of the production process.

Unfortunately, scheduled service intervals, based on Alfa Laval recommendations, are not followed and unplanned decanter stops occur.

With Alfa Laval Preventive Maintenance Decanter the customer ensures higher uptime, lower maintenance costs and minimized risk of breakdown.

Results

- Regular annual decanter service by Alfa Laval
- Prevention of unplanned decanter stops
- No production losses



POTENTIAL SAVINGS	VALUE	HOW
Daily production losses if downtime	€ 200,000	Annual decanter service by Alfa Laval
Potential daily savings	€ 200,000	Alfa Laval Preventive Maintenance

Customer case

Alfa Laval Preventive Maintenance Decanter

Sludge dewatering is one of the biggest cost drivers in a wastewater treatment plant.

Without regular service intervals, based on Alfa Laval recommendations, a decanter stop may lead to the need for external sludge dewatering and disposal.

Results

- Regular annual decanter service by Alfa Laval
- Prevention of unplanned decanter stops
- No need for external sludge treatment and disposal



POTENTIAL SAVINGS	VALUE	HOW
No external sludge treatment	€ 20,000	Annual decanter Service by Alfa Laval
Potential savings	€ 20,000	Alfa Laval Preventive Maintenance

Frequently asked questions

Alfa Laval Preventive Maintenance Decanter

- Can Alfa Laval optimize the decanter process?
 - Yes, Alfa Laval experts will analyze and optimize the decanter process, often leading to significant cost savings
- Does Alfa Laval guarantee the origin of the spare parts it uses?
 - Alfa Laval uses only original OEM spare parts
- Does Alfa Laval also service non Alfa Laval decanters?
 - Alfa Laval Service Partners service a wide range of non Alfa Laval decanters, details must be resolved case by case



Summary

Alfa Laval Preventive Maintenance Decanter

Preventive maintenance delivers customer peace of mind

Alfa Laval Preventive Maintenance will lower the overall decanter ownership costs by:

- Ensuring operation reliability
- Maximizing throughput
- Minimizing repair costs
- Delaying investments in new decanters



References

Alfa Laval Preventive Maintenance Decanter

All international industries can benefit from Alfa Laval Preventive Maintenance Decanter

- Food and beverage production
- Major wastewater treatment plants
- Worldwide chemical industry
- Drilling mud in Canada
- Slop oil in Australia



