

Alfa Laval Positive Displacement Pumps

Preventive maintenance guidelines

Plan your budget and your downtime

A production stop caused by poor operation or breakdown is costly. Both due to lost product and expensive service.

The most cost-effective way to ensure product safety and production reliability, is to plan and carry out service at scheduled intervals.

Using the Alfa Laval guidelines it is easy to plan the relevant maintenance intervals. You are able to plan your operating budget and the risk of breakdowns is virtually eliminated. Financially, preventive maintenance makes sense.

Instruction manuals and service videos



Detailed manuals are supplied with every product. Service and maintenance videos have been created to enable you to service Alfa Laval products in a correct and efficient way. Scan the QR code to access the service videos.

Genuine spare parts and service kits



Alfa Laval Service Kits are available for scheduled maintenance. They contain all the relevant parts needed for general service. Using genuine Alfa Laval spare parts guarantees the right quality and composition of materials. They of course come with full traceability. Scan the QR code to access the spare parts catalogue.

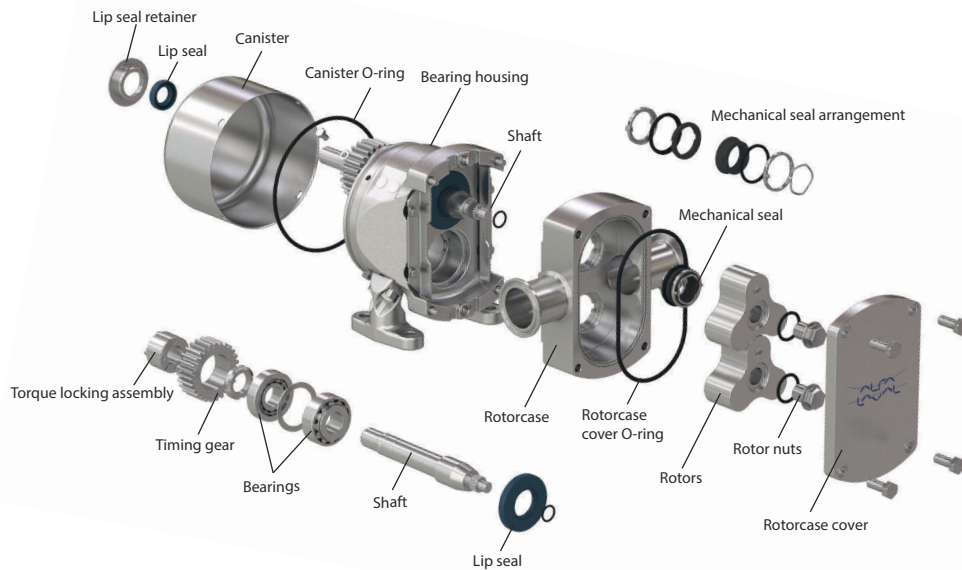
Alfa Laval service tools

Alfa Laval has the specific tools required to service Alfa Laval hygienic equipment. These include tools for installing, operating and maintaining our hygienic equipment.

Using genuine spare parts ensures your certificates are still valid.



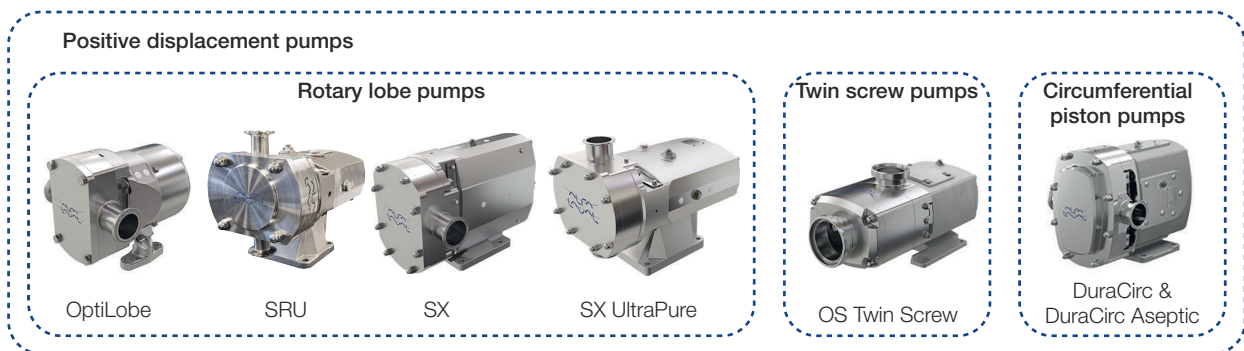
Example of exploded view - OptiLobe



Inspect the pump regularly

The Alfa Laval pumps are available in various configurations to fit specific applications. To inspect the pump you need to know the type of pump. This information is available on the name plate of your pump. Further information can be obtained online by using the serial number.

Preventive maintenance aims to prevent failure of equipment by doing e.g. regular inspection and lubrication. Based on experience and knowledge about the running conditions it is also possible to replace wear parts before they fail. Keeping a maintenance log is a good way to build experience. It is advisable to install pressure gauges on both sides of the pump so that any problems within the pump/pipework can be monitored.



This Preventive maintenance guidelines mainly cover positive displacement pumps as below:

	Inspect / Clean / Lubricate			
	Supplier instruction	Weekly	Monthly	Half-yearly
OptiLobe, SRU, SX & SX UltraPure, OS Twin Screw, SCPP*, DuraCirc & DuraCirc Aseptic				
Checking the seals for leakage		X		
Checking the lip seals for leakage		X		
Check pumping pressures		X		
Drive unit / all type of pump				
Check the oil seals for leakage	X	X		
Checking the oil level in the gearcase with pump stationary		X		

Scheduled maintenance intervals

To ensure that your pumps operate efficiently, it is essential to follow a simple preventive maintenance programme, which will keep your machine in good working condition. Good maintenance requires careful attention at regular intervals. For pump

lubrication please always refer to the manual for specific information on oil/grease types and required maintenance. Please check if the positive displacement pump is supplied pre-filled with oil or grease. Alfa Laval recommend:

- Service kit for all positive displacement pumps replaced every 12 months
- SRU / SX: Change of oil every 3000 hours of pump operation
- OptiLobe: Change of grease every 20000 hours of pump operation
- OS Twin Screw: Change of oil every 4000 hours of pump operation
- DuraCirc: Change oil every 3000 hours of pump operation
- SCPP*: Change of oil every 750 hours

* = The SCPP pumps are not manufactured anymore.

The above guidelines may not apply in all working conditions. Please contact Alfa Laval for information relating to specific applications.

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