



Taking Care of Your Pumps and Mixers

THE IMPORTANCE OF REGULAR SERVICING

Do you want to avoid breakdowns, minimize running costs and extend the life of your pumps?

It's important to remember that a pump or mixer is no different from a car in terms of service; it needs regular maintenance in order to operate at top performance and stay in good working order for the longest possible time.



Servicing your pump or mixer at the right time intervals and according to the right standards is crucial to ensuring long product life and to maintaining its original performance. It is of critical importance to follow the recommendations in the Installation, Operation and Maintenance (IOM) manual that is delivered with your product at purchase.

It is also crucial to ensure that you always rely on a Xylem authorized service technician for all your service needs. In addition to being sure that skilled professionals do the job, you can also be certain that only high-quality Genuine Flygt Parts are used for all repairs.

If you don't want to have to keep track of maintenance schedules, we can take care of it for you. Just sign a Preventative Maintenance Agreement (PMA) with us or with one of our authorized service partners.

Remember that we can offer planned preventative maintenance and emergency call-out service on all product brands.

Safety first

Keep in mind that wastewater applications are often hazardous workplaces with confined space and/or potential exposure to poisonous gases, as well as the risk for electric shock or accidents caused by heavy lifts and falls. Therefore, you must ensure that your local labor safety regulations are followed when your pump or mixer is being serviced or repaired. The IOM manual provides detailed safety advice that must be followed carefully. For example, all system and pump/mixer components must be allowed to cool before they are handled in any way. An explosion risk check must be conducted before welding or using electrical handheld tools. Both cleaning and a ground (earth) continuity test must be carried out after service. If this safety advice is not followed, the consequences may be severe.

It is also important to use the proper service tools. Contact your local Xylem sales and service representative for advice.

Are your pumps/mixers still under warranty?

In order for your warranty to remain valid, maintenance must be done according to the technical specifications in the IOM manual. It is vital that genuine parts are used for all repairs and that all repair work is done by Xylem authorized technicians.



Service intervals

How often do you have to service your pump or mixer and what needs to be done? Consult the table below for guidance.

Type of service	Purpose	Inspection interval
Initial inspection	<p>To determine the appropriate intervals for periodical inspection and major overhaul for the specific installation.* Initial inspection should be conducted by a Xylem authorized service technician who will:</p> <ul style="list-style-type: none"> • Verify that the product is correctly installed • Check that there are no vibrations and no leakage • Ensure that cables and chains are stretched to avoid risk for wear and other damages • Check that current power consumption is within specifications <p>*Running conditions that affect service intervals include high temperatures, sand in water, dirty sump, long running time, corrosive media, vibrations, rapid starts and stops, accumulations of sediments, etc.</p>	Within the first year of operation
Periodical inspection (Condition Audit)	<p>To ensure that the product works well in its application and find any early indications of failure. To prevent operational interruptions and machine breakdown. To identify measures to ensure continued optimal performance and pump efficiency for the specific application. Actions may include impeller trimming, wear part control and replacement, control of zinc-anodes and control of the stator.</p> <p>A periodical inspection includes checking cables, connection to power, electrical cabinets, impellers, stator housings, insulation, junction boxes, lifting devices, lifting handles, O-rings, overload protection and other protections, personnel safety devices, rotation direction, oil housings, terminal block/closed end splice, thermal contacts, voltage and amperage.</p>	Refer to IOM manual for your specific pump for more details
Major overhaul	<p>To restore the product to its original condition and performance level, thereby maximizing its operational lifetime.</p> <p>During a major overhaul, in addition to all of the tasks that are performed during the periodical inspection, key components such as bearings and mechanical seals are also replaced.</p>	Refer to IOM manual

Note:

Remember that if your equipment is operating under tough conditions - for example, in very abrasive or corrosive applications or when the liquid temperatures exceed 40°C (104°F) - your pumps may require service more often, and mechanical seals and other wear parts might have to be replaced more frequently than the standard recommendation. Also, if a breakdown would have a significant negative impact on your business, a more frequent service schedule than the standard one will give you peace of mind that your equipment will continue to run smoothly. For more information and details about how to service and maintain your pump equipment, please refer to the Installation, Operation and Maintenance (IOM) manual that was delivered with your product at purchase or find it online at flygt.com

Genuine Flygt Parts

Every component in a Flygt pump or mixer is available as a spare part. It is important to remember that a Flygt pump or mixer will only deliver optimal performance when Genuine Flygt Parts are used.

Our parts are specifically developed or selected to work perfectly in Flygt products and are available long after the product has

been phased out (10-20 years depending on the model).

Together with our innovative technological solutions, our superior quality parts ensure trouble-free and safe operation.

Make sure your equipment stays 100% Flygt - use Genuine Flygt Parts.



Do you want to avoid the hassle of figuring out how and when to service/maintain your equipment?

Ensure maximum equipment uptime at the lowest overall cost by signing a TotalCare Preventative Maintenance Agreement (PMA) with Xylem. A TotalCare PMA is a cost-effective service contract tailored to meet your specific requirements and budget. With a TotalCare PMA, you no longer have to worry about the condition and performance of your pumps and mixers. We keep them running at their best, year after year. Remember that if your pumps/mixers are still



under warranty, maintenance must be done according to the technical documentation that is delivered with the product in order for your warranty to remain valid. The best way to ensure this is to sign-up for a PMA.



Design & Consultancy



Installation & Commissioning



Maintenance Contracts



Repair & Maintenance



Monitoring & Supervision



Inspection & Auditing



Plant Operation & Maintenance



Parts & Logistics



Rental & Onsite Services



Asset Refurbishments



Training & Technical Support



Financial Solutions

Xylem TotalCare is a comprehensive, integrated portfolio of services designed to ensure that your water and wastewater equipment keeps running at its best. Our team of knowledgeable and highly skilled technicians pride themselves on their ability to help customers optimize their operations by providing the right solution every time.

What can Xylem do for you?

Tel: (704) 409-9700 or visit www.xylem.com/totalcare



Xylem, Inc.
 14125 South Bridge Circle
 Charlotte, NC 28273
 Tel 704.409.9700
 Fax 704.295.9080
 855-XYL-H2O1 (855-995-4261)
www.xylem.com

Flygt is a trademark of Xylem Inc. or one of its subsidiaries.
 © 2015 Xylem, Inc. NOVEMBER 2015