

MAINTENANCE & SERVICE PROGRAMS

FOR MOST MAJOR OEM MIXING EQUIPMENT



PROGRAM LEVEL	BASIC	STANDARD	PREMIUM
SCOPE OF INSPECTION	BASIC EQUIPMENT HEALTH SURVEY & REPORT	ENHANCED EQUIPMENT HEALTH SURVEY & REPORT	ENHANCED EQUIPMENT HEALTH SURVEY & REPORT WITH MAINTENANCE
MULTI POINT VISUAL INSPECTION ¹	✓	✓	✓
VIBRATION, NOISE & TEMPERATURE CHECK ²	✓	✓	✓
MOTOR INSPECTION ²	✓	✓	✓
VIBRATION, NOISE & TEMPERATURE TRACKING AND TRENDING		✓	✓
REVIEW & MAINTENANCE OF SPARES INVENTORY ³		✓	✓
BI-ANNUAL MIXER & MOTOR MAINTENANCE ⁴			✓
EXTENDED WARRANTY ON NEW EQUIPMENT & PREMIUM REPAIR PURCHASES ⁵			✓
DISCOUNT ON SPARE PARTS & EQUIPMENT ⁶	5%	7%	10%
PRICE PER GEARBOX PER VISIT	\$	\$	\$
ADD-ON PACKAGES	PACKAGES MAY BE ADDED FOR INDIVIDUAL PIECES OF EQUIPMENT OR FOR ALL EQUIPMENT		
WETTED PARTS INSPECTION ⁷	\$	\$	\$
OIL SAMPLING AND ANALYSIS ⁸	Basic \$ / Advanced \$	Basic \$ / Advanced \$	Basic Included / Advanced \$
SPX FLOW FULL SPECTRUM VIBRATION REVIEW ⁹	Available Upon Request	Available Upon Request	Available Upon Request
SUPPLY LUBRICATION ¹⁰			OPTIONAL*

- Customer must enlist a minimum of (10) gearboxes per site visit in the program to qualify for the contract rates, there is no minimum order amount for add-on packages. Alternate pricing is available for customers with less equipment.
 - SPX FLOW field service travel and living expenses will be applied a 15% mark-up and added to the above prices, per SPX FLOW Mixing Solutions Field Service Rates.
- The Multi Point visual inspection includes inspection of anchorage hardware, high speed coupling, low speed coupling, high speed oil seal, low speed oil seal, oil level, breather and oil or grease leaks.
 - Gearbox and motor inspections includes vibration, noise & temperature checks. If standard level service is purchased this will also include tracking & trending.
 - Review of spares inventory includes SPX FLOW reviewing spare gearboxes and parts with customer to mutually agree on what spare parts are practical to maintain.
 - Includes greasing of mixer bearings, changing oil and changing of breathers as necessary. (Lubrication & breathers are provided by others).
 - SPX FLOW will include an additional 6 months warranty coverage on new and premium repair equipment purchases. Standard warranty is 18 months from shipment or 12 months from installation. Must be actively enrolled in SPX FLOW service program at the time of purchase.
 - Discount is applicable for all parts and equipment purchased during active enrollment. Discount may not be eligible for capital project purchases, or purchases made through a third party.
 - Wetted parts inspection can only be completed when site conditions permit. Wetted parts inspection consists of verifying proper impeller installation, checking hardware torque, and installed shaft straightness.
 - Basic oil analysis includes metal content, water content, and oil viscosity. Advance oil analysis adds acid number & advanced particle count. Oil sampling and analysis cost is per gearbox.
 - SPX FLOW full spectrum vibration review is recommended for critical equipment.
 - SPX FLOW will supply LighthninLube oil upon request. By using LighthninLube oil, SPX FLOW will give an additional 6 month warranty coverage on new and premium repair equipment purchases. Any other oil must be supplied by the customer. Disposal of old lubricants is not included with this service.

See reverse side for additional services



GET STARTED

>Lightnin® >Philadelphia® >Plenty® >Stelzer® >Uutechnic®

SPXFLOW

ADVANCED SERVICE CAPABILITIES

Improve Equipment Reliability

1. **Gearbox & Wetted Parts Replacement Program** – We have designed adapters to allow our mixer gearboxes to be retrofitted to other manufacturers drives. Specific gearboxes can be supported relative to their importance to your operation with stocked adapters.
2. **Extended Warranty** – SPX FLOW provides extended warranty options for new and repaired equipment for up to three years based on certain terms and conditions.
3. **Discounted Spare Parts & Equipment** – SPX FLOW provides a discounted rate on spare parts & equipment for customers who meet annual purchasing thresholds.
4. **LightninLube**– LightninLube is manufactured to AGMA Standard 9005-D94. Our synthetic oils are designed to give you a wide operating range and are available in ISO 100, ISO 150, ISO 220 and ISO 320 grades. LightninLube is available in 5 US Gal. (20 Liter) or 55 US Gal. (205 Liter).
5. **Inspection & Repair Services** – SPX FLOW can provide inspection and repair of any mixer gearbox regardless of manufacturer. Repair services can be combined with maintenance and field service contracts for your convenience.

Process Improvement

1. **Laboratory Testing** – SPX FLOW has fully equipped laboratory facilities at our Palmyra, PA and Rochester, NY locations devoted exclusively to sample testing and R&D and is unrivaled in access for our customer utility. Sample testing, as well as lab testing for process development/improvement and scale up are available.
2. **Process Review** – SPX FLOW has a fully staffed application and process engineering team that can review your existing process and make recommendations to optimize your blend, quality and/or increase throughput.

Free Up Space

1. **Parts Storage** – SPX FLOW can store dedicated parts for your mixing equipment at one of our warehouses. This allows for shortened lead-times on complex parts, resulting in faster turnaround for equipment repairs.
2. **Gearbox Storage** – SPX FLOW can store your mixing equipment at one of our warehouses. This gives you the peace of mind that the equipment is being stored and maintained properly. SPX FLOW follows all long-term storage requirements while the equipment is stored at our facilities. With our on-call service, we can make shipment of this equipment available in 24 hours.

Get It Faster

1. **Expedited Services** – SPX FLOW can provide expedited turn-around on parts, repair, and field services to minimize your downtime, and keep you operational.
2. **Lead-time Reductions** – SPX FLOW can provide lead-time reductions if you participate in a service contract. This is accomplished using stocking plans and/or inventory adjustments.
3. **Freight Services** – SPX FLOW can provide transportation of your mixing equipment at competitive rates. This removes the risk of freight damage occurring and, in many cases, saves you money.

On-site Technical Services

1. **Turnkey Services** - SPX FLOW can potentially provide complete mechanical removal and installation services. This includes complete removal of your existing equipment as well as installation of your new or refurbished equipment.
2. **Installation & Startup Assistance** – SPX FLOW can provide startup services with our factory trained field service technicians. These services give you the peace of mind that everything is put together correctly and that the equipment is operating as expected from inception.
3. **Training Services** – SPX FLOW can provide equipment operation & maintenance training with our factory trained field service technicians. This includes hands on installation, removal, gearbox assembly, gearbox disassembly, and troubleshooting.
4. **Technical Seminars** – SPX FLOW can provide technical seminars that can be tailored to your staff's needs, to address process, mechanical and equipment maintenance.

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