

Shredfast SF 100

Preventive Maintenance

(TO BE USED AS A GUIDE ONLY)

Shredfast advises all customers to Lock and Tag Out equipment before performing any service or maintenance. This is a requirement of the Occupational Health and Safety Act of 1970 (29CFR1910). It is the responsibility of you as the employer/owner to formulate and implement a lock and tag procedure to assure a safe place to work for your employees. ZERO MECHANICAL STATE of the equipment must be enforced at all times when maintenance or inspections of the units are being performed. Serious bodily injury or death may result if a lock and tag procedure is not implemented together with damage to the equipment. If further technical assistance is required please feel free to contact Shredfast Service Department at 1-800-299-8437. We offer these services free of charge to our customers.

Weekly Maintenance Equipment & Components

- Lower drive belts.
- Upper drive belts.
- Check the shredder screen rotor and hammers for foreign material lodged or wrapped.
- Clean and sweep out all paper material that may be residing inside the storage and shredder compartments.
- Check to ensure all bolts, nuts and fasteners are tight.
- Inspect Lift Arm for any damage or cracked welds.
- Check to make sure the windscreen is in place and in good working order.
- Inspect Hammers and Pins for wear. Hammer/Pin condition (max. 1/4" play, vertical movement, make sure there are no cracks, breaks or excessive movement in hammers).
- Make sure all electrical components are operating properly.
- Ensure Hydraulic Oil Fluid level is at recommended level (middle of sight gauge).
- Inspect chains and sprockets for looseness and tooth wear, adjust compactor idler if necessary.
- Ensure all portable fire extinguishers are fully charged, needle indicator should be in the green.
- Inspect the dust collection system; empty and clean out bag daily.
- Check the drive belt tension, belts should only have a maximum deflection of 3/4" at 15-18 lb pressure. If belt tension exceeds this, the belts need to be adjusted.
- Clean dust off top of shredder tub.
- Check to ensure the on board fire system tank is full with 30% Ethylene Glycol Antifreeze mix to 70% water. Depending on area this mixture can change.

Grease

1-2 pumps with hand grease gun every week, when equipment is in use. Use Schaeffer Micron Moly 221 Ultra Premium or equivalent. **(WHEN PERFORMING WEEKLY MAINTENANCE GREASE GUN SHOULD BE EASY TO PUMP OTHERWISE GREASELINE DAMAGE WILL OCCUR).**

- | | |
|--|--|
| <input type="checkbox"/> Drivelines | <input type="checkbox"/> Upper drive line (3) zerks |
| <input type="checkbox"/> Hydraulics (3) zerks | <input type="checkbox"/> Lift cylinder Lower |
| <input type="checkbox"/> Shredder (3) zerks | <input type="checkbox"/> Lift arm bushing rear |
| <input type="checkbox"/> Input gear box shaft | <input type="checkbox"/> Tip pivot |
| <input type="checkbox"/> Output gear box shaft | <input type="checkbox"/> Lift arm bushing front |
| <input type="checkbox"/> Fly wheel grease zerk | <input type="checkbox"/> Lift cylinder top |
| <input type="checkbox"/> Plunger arm bearing zerk | <input type="checkbox"/> Oil level in rotor bearings (2) fill until oil reaches the top of inspection port |
| <input type="checkbox"/> Fan bearings (2) zerks | |
| <input type="checkbox"/> Front outer rotor bearing grease zerk | |
| <input type="checkbox"/> Front inner rotor bearing | |
| <input type="checkbox"/> Rear inner rotor bearing | |
| <input type="checkbox"/> Compactor jacks shaft (2) | |
| <input type="checkbox"/> Top drive bearing (2) | |
| <input type="checkbox"/> Middle drive bearings (2) | |
| <input type="checkbox"/> Lower drive bearings (2) | |

*****NOTE: Always consult with the operator owner manual before ever operating, repairing, servicing or conducting maintenance to the unit. *****

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Quick Start

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Start Up Procedures

Standard Transmission (most trucks are on Mack CH612)

- 1) Set parking brake.
- 2) Apply clutch.
- 3) Put transmission in any gear.
- 4) Turn on hydraulic and shredder switches.
- 5) Put transmission back in neutral.
- 6) Let clutch out slowly.
- 7) Set cruise control to "ON".
- 8) Set cruise and RPM's will rise to 1200.
- 9) Activate Governor, Tachometer, Strobe and Compactor switches to "ON".
- 10) Control Panel – Turn on fan lever and feed lever.

Shut Down Procedures

- 1) Control Panel – Put fan and feed handles in the neutral position.
- 2) Inside the cab, depress clutch fully.
- 3) Turn off hydraulic and shredder buttons.
- 4) Turn off Governor, Tachometer, Strobe and Compactor switches.

Unloading Procedures and Warm Up

- 1) Set parking brake and have transmission in neutral.
- 2) Depress clutch fully.
- 3) Put transmission in any gear.
- 4) Activate hydraulic switch.
- 5) Put transmission back in neutral.
- 6) Release clutch slowly.
- 7) Engage cruise control and set.
- 8) RPM's will rise to 1200.
- 9) Warm up truck for 10 to 15 minutes.
- 10) Use outside controls to walk wall back.

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**If you have any questions, please call Shredfast Service Department at:
1-800-299-8437**