

# MAINTENANCE SCHEDULE - HOPPER

Trailer Serial Number \_\_\_\_\_

Customer Name \_\_\_\_\_

In-Service Date \_\_\_\_\_

- DAILY
- WEEKLY
- MONTHLY
- ANNUALLY
- SEMI-ANNUAL
- QUARTERLY
- MILEAGE/HR
- BI-ANNUALLY

**1. Alignment and Suspension check \***

- Suspension Torque Requirements (see decals on trailer or maintenance manual for specific suspension)
- Check suspension for damage (cracks, loose or missing fasteners)
- Check air-ride suspensions for conditions of bushings, air leaks and shock absorbers
- Check spring condition for free movement of equalizer, condition of bushings, torque of fasteners and any type of cracking or damage to the spring leafs.

Actual Reading	Time	Spec	Date	Initials
	MILEAGE/HR			
	DAILY			
	DAILY			
	DAILY			

**2. Wheels, Rims, Tires \***

- Check all wheel nuts for tightness, should be torqued to 450 to 500 ft-lbs (dry) after 50 to 100 miles of service - weekly thereafter.
- Check tires for cuts and abrasions.
- Check tire inflation daily. Reference Tire Manufacturer load tables for proper pressure.
  - a.)Tire Manufacturers require weekly tire inflation by gauge
  - b.)Tire rotation every 30,000 miles of trailer usage
- Check wheel stud condition for stripped & damaged threads (if damaged see owners manual)
- Confirm bearing end-play every 100,000 miles or during each annual inspection
  - \* 0.001 – 0.005” range required, dial indicator measurement
  - \* proper bearing end-play supports improved tire life

	WEEKLY			
	DAILY			
	DAILY			
	WEEKLY			
	MILEAGE/HR			
	DAILY			
	ANNUALLY/100K MI.			

**3. Lights, Reflective Devices, Brakes and Electrical controls \***

- Check and clean all lamps, reflectors and conspicuity tape.
- Check 7-way electrical connection for proper engagement and that it's clean and free of corrosion.
- Check air brake glad hands for cracked housing and for rubber washer damage.
- Check air hoses and air lines for cracking and chafing.
- Check the operation of brakes. Check stroke indicators on auto slacks for proper adjustment.
- Drain moisture from the air brake system by opening the drain cocks on air tanks.
- Check ABS warning lamp for system status.

	DAILY			
	DAILY			
	DAILY			
	DAILY			
	DAILY			
	DAILY			

**4. FIFTH WHEEL AND KINGPIN \***

- Inspect kingpin and its structure on the trailer for damage or unusual wear.
- Inspect coupling for positive engagement of the fifth wheel and kingpin.
- Inspect for proper lubrication of 5th wheel plate.

	DAILY			
	DAILY			
	WEEKLY			

**5. Trailer Body and Structural Components \***

- Visually check trailer body, suspension, sub-frame, upper coupler, etc. for any cracking, deterioration or of any loose or missing fasteners.
- Check trailer sides for damage, sharp bends, ripples or missing fasteners.

	DAILY			
	DAILY			

**6. Tarp System \***

- Check to be sure the tarp is in serviceable condition.
- Insure that the latching system is in good working order.
- Check proper operation of electric tarp system if on trailer.
- Secure tarp prior to travel.

	DAILY			
	DAILY			
	DAILY			
	DAILY			

**7. Lubrication \***

- Hub Oil - Check Daily - Change every 100,000 miles (every year minimum)
- Trap operator U-Joints - Grease monthly
- Auto slacks - Grease semi-annually
- Cam Bushings (4 times during the life of brake linings) - Grease every 25,000 mi.
- Two speeds - Grease semi-annually

	DAILY			
	MONTHLY			
	SEMI-ANNUAL			
	MILEAGE/HR			
	SEMI-ANNUAL			

**8. Fluid Maintenance \***

- EZ-Flow System Oil Change (2 years or annually for high usage)

	BI-ANNUALLY			
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