

Table 1-3. Lubrication Chart

INDEX NO	COMPONENT	NUMBER/TYPE LUBE POINTS	LUBE METHOD	INTERVAL HOURS
1	Oscillating Axle Pivot Point (Optional)	1 Grease Fitting	MPG - Pressure Gun	100
2	Lockout Cylinders (Optional)	2 Grease Fittings (1 each cylinder)	MPG - Pressure Gun	100
3	Front Steering Spindles (2-W/D)	2 Grease Fittings	MPG - Pressure Gun	100
4	Front Steering Spindles (4-W/D) (Optional)	2 Grease Fittings	MPG - Pressure Gun	100
5	Tow Bar Hitch (Optional)	1 Grease Fitting	MPG - Pressure Gun	100
6	Wheel Bearings (2-W/D)	N/A	MPG - Repack	2000
7	*Wheel Drive Hub (4-W/D) (Optional)	Fill Plug	EPGL (SAE 90)	500
8	Hydraulic Oil Reservoir	Fill Cap/Drain Plug	HO - Check HO Level (See note 4)/ HO - Change HO	10/500
9	** Hydraulic Filter Element	N/A	Initial Change - 40 Hours	250
10	*Wheel Drive Hub	Fill Plug	EPGL (SAE 90)	500
11	Rear Steering Spindles (4-W/S) (Optional)	2 Grease Fittings	MPG - Pressure Gun	100
12	400 RTS Sizzor Arm Pivot Pins 500 RTS Sizzor Arm Pivot Pins	30 Grease Fittings (400RTS) 38 Grease Fittings (500RTS)	MPG - Pressure Gun MPG - Pressure Gun	100
13	Rail Slides	N/A	MPG - Brush	100
14	Platform Extension Slides (Optional)	N/A	MPG - Brush	100
15	Lift Cylinder	4 Grease Fittings	MPG - Pressure Gun	100
16	Engine Crankcase	Fill Cap/Drain Plug	Check Engine Oil Level	10/100

KEY TO LUBRICANTS:

MPG - Multi-purpose Grease

EPGL - Extreme Pressure Gear Lube

HO - Hydraulic Oil (Mobil 424)

*Torque Hubs should be 1/2 full of lubricant

** JLG Industries recommends replacing the hydraulic filter after the first 40 hours of operation and every 250 hours thereafter.

⚠ WARNING

TO AVOID PERSONAL INJURY, USE SAFETY PROP FOR ALL MAINTENANCE REQUIRING PLATFORM TO BE ELEVATED.

NOTE:

1. Be sure to lubricate like items on each side
2. Recommended lubricating intervals are based on machine operations under normal conditions. For machines used in multi-shift operations and/or exposed to hostile environments or conditions, lubrication frequencies must be increased accordingly.
3. Operate hydraulic functions through one complete cycle before checking hydraulic oil level in tank. Oil should be visible in ADD sight window on hydraulic tank. If oil is not visible, add oil until oil is visible in both ADD and FULL sight windows on tank. Do not overfill tank.
4. Any time the pump coupling is removed, coat splines of coupling with Texaco Code 1912 grease prior to assembly. (gasoline or diesel engine only).

2.28 PREVENTIVE MAINTENANCE AND INSPECTION SCHEDULE

- a. The preventive maintenance and inspection checks are listed and defined in the following table. This table is divided into two basic parts, the AREA to be inspected and the INTERVAL at which the inspection is to take place. Under the AREA portion of the table, the various systems along with the components that make up that system are listed. The INTERVAL portion of the table is divided into five columns representing the various inspection time periods. The numbers listed within the interval column represent the applicable inspection code for which that component is to be checked.
- b. The checks and services listed in this schedule are not intended to replace any local or regional regulations that may pertain to this type of equipment nor should the lists be considered as all inclusive. Variances in interval times may occur due to climate and/or conditions and depending on the location and use of the machine.
- c. JLG Industries requires that a complete annual inspection be performed in accordance with the Annual Machine Inspection Report form. Forms are supplied with each new machine and are also available from JLG Customer Service. Form must be completed and returned to JLG Industries.

IMPORTANT

JLG INDUSTRIES REQUIRES THAT A COMPLETE ANNUAL INSPECTION BE PERFORMED IN ACCORDANCE WITH THE ANNUAL MACHINE INSPECTION REPORT FORM.

NOTE: *This machine requires periodic safety and maintenance inspections by a JLG Dealer. A decal located on the frame affords a place to record (stamp) inspection dates. Notify dealer if inspection is overdue.*

- d. The inspection and maintenance code numbers are as follows:
 1. Check for proper and secure installation.
 2. Check for visible damage and legibility.
 3. Check for proper fluid level.
 4. Check for any structural damage; cracked or broken welds; bent or warped surfaces.
 5. Check for leakage.
 6. Check for presence of excessive dirt or foreign material.
 7. Check for proper operation and freedom of movement.
 8. Check for excessive wear or damage.
 9. Check for proper tightness and adjustment.
 10. Drain, clean and refill.
 11. Check for proper operation while pump/motor is running.
 12. Check for proper lubrication.
 13. Check for evidence of scratches, nicks or rust and for straightness of rod.
 14. Check for condition of element; replace as necessary.
 15. Check for proper inflation.
 16. Check Inspection Decal for current inspection stamp.

Table 2-4. Preventive Maintenance and Safety Inspection

AREA	INTERVAL				
	10Hours (Daily)	50 Hours (Weekly)	200 Hours (Monthly)	500 Hours (3 Month)	1000 Hours (6 Month)
PLATFORM					
1. Controller	1,11				
2. Switches	1,11				
3. Placards and Decals	1,2				
4. Control Tags	1,2				
5. Hoses and Cables		4,8			
6. Wear Pads			8		
7. Handrails and Chains	1,4				
CHASSIS					
1. Engine Oil	3	5			
2. Battery	3	5			
3. Air Cleaner	1	14			
4. Exhaust System	1		1,5		
5. Engine Mounts			1		
6. Hydraulic Pump	1	5			
7. Valves	1	5			
8. Hydraulic Filter (See Lubrication Chart)		5,14	14		
9. Hydraulic Hoses and Tubing	1	5			
10. Hydraulic Oil Tank*	3	5	4		
11. Hydraulic Tank Breather		6,14			
12. Fuel Tank	3,5		4		
13. Lift Cylinder	1,12	5,6,13	4		
14. Limit Switch	1,7				
15. Tilt Alarm Switch					1,7
16. Placards and Decals	1,2				
17. Wheel and Tire Assemblies	1	8,9			
18. Drive Motors		1,5,6			
19. Drive Brakes		1,6	8		
20. Drive Torque Hubs		1,3,5,6			
21. Steer Cylinder	1	5,6,13	4		
22. Steer Components	1	4,6	8		
23. Wheel Bearings (2 Wheel Drive)			8	12	
24. Sizzor Arms	1,4				
25. Safety Props	1,4				
26. Sliding Wear Pads			8		
27. Pivot Pins/Bolts	1,4		7,8		
28. Switches, Ground Control	1,11				
29. Control Tags	1,2				

*Inspection and Maintenance Code 10 to be performed annually.