Table 1-8. Lubrication Chart (Reference Figure 1-1)

	Components	Number/Type Lube Points	Capacity	Lube	Interval		Hours		Comments
					3 Months 500 hrs	6 Months 1000 hrs	1 Year 2000 hrs	2 Years 4000 hrs	
Lubrication									
1	Wheel Drive Hub	Level/Fill Plug	0.5 liters (1/2 full)	EPGL			X		Change after first 150 hours then every 2000 hours of operation.
2	Wheel Bearings (2WD Only)	Repack	A/R	MPG				X	
3	Slide Blocks								
4	Hydraulic Return Filter and Inline Charge Filters (2)**	N/A	N/A	N/A					Change after first 50 hours and every 250 hours thereafter or as indicated by condition indicator.
5	Hydraulic Oil	Fill Cap	40 gallon (151 liters)	HO				X	Check level daily. Change every 4000 hours.
Engines									
6	Oil Change w/Filter - Ford	Fill Cap/Spin-on Element	4.5 Quarts (4.25 L)	EO	X				Check level daily; change every 150 hours. Adjust final oil level by mark on dip-stick.
7	Oil Change w/Filter - Deutz	Fill Cap/Spin-on Element	6.3 qts. (6 liters)	EO	X				Check level daily; change every 1000 hours or One year, whichever comes first. Adjust final oil level by mark on dip-stick.
8	Fuel Filter - Ford	Replaceable Element	N/A	N/A			X		
9	Fuel Filter - Deutz	Replaceable Element	N/A	N/A			X		
10	Air Filter - Ford	Replaceable Element	N/A	N/A		X			Or as indicated by condition indicator
11	Air Filter - Deutz	Replaceable Element	N/A	N/A		X			Or as indicated by condition indicator

NOTES:

Lubrication intervals are based on machine operation under normal conditions. For machines used in multi shift operations and/or exposed to hostile environments or conditions, lubrication frequencies must be increased accordingly.

*When changing oil in the Deutz oil cooled engine, drain both the crankcase and the cooler. When refilling it is acceptable to overfill crankcase (16 quarts - 15 L, capacity of both crankcase and cooler combined). Start engine, allow the engine to run until the thermostat opens (approximately 221 degrees F - 105 degrees C) cooler will fill up within minutes; shut down and wait for approximately two minutes. Check oil level, fill oil to max marking on dipstick.

** It is recommended as a good practice to replace all filters at the same time.

KEY TO LUBRICANTS

EO	Engine Oil
EPGL	Extreme Pressure Gear Lube
HO	Hydraulic Fluid (Mobil 424)
MPG	Multi-Purpose Grease

⚠ 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.*

2.6 PREVENTIVE MAINTENANCE AND INSPECTION SCHEDULE

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.

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.

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.*

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 2-3. 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				