

**Table 1-8. Lubrication Chart**

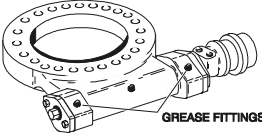
	Components	Number/Type Lube Points	Capacity	Lube	Interval		Hours		Comments
					3 Months 150 hrs	6 Months 300 hrs	1 Year 600 hrs	2 Years 1200 hrs	
<b>Lubrication</b>									
1	Swing Bearing	1 Grease Fitting or by brush	A/R	MPG	X				More frequent lubrication intervals may be required
2	Swing Bearing / Worm Gear Teeth*	Spray On	A/R	Mobilnac 375NC	X				More frequent lubrication intervals may be required.
3	Hydraulic Fluid (Oil)	Fill Cap	4 Gal. (tank)	HO				X	Check oil every 10 hours of operation. Change oil every 1200 hours of operation.
4	Hydraulic Filter	N/A	N/A	N/A		X			Replace filter element after first 50 hours and every 300 hours thereafter.**
5	Wheel Drive Hub	Fill Plug/Half Full	17 oz. (1/2 Full)	EPGL				X	Check oil level at side plug on hub daily. Change after first 150 hours then every 1200 hours of operation.
6	Wheel Bearing	Repack	A/R	MPG				X	
7	Spindles/Bushing	N/A	A/R	LL	At Spindle/Bushing Replacement				Coat I.D. of bushings prior to installing king pins.
9	Engine Generator	Fill Cap	Refer to Engine Manual	EO					Check daily. Change in accordance with engine manual.
<b>NOTES:</b>								<b>KEY TO LUBRICANTS</b>	
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.								EO	Engine Oil
* If necessary install grease fittings into worm gear housing and grease bearings.								EPGL	Extreme Pressure Gear Lube
<b>⚠ CAUTION</b>								HO	Hydraulic Fluid (Mobil DTE-11M)
<b>Do not over grease bearings. over greasing bearings will result in blowing outer seal in housing.</b>								MPG	Multi-Purpose Grease
									
** Under certain conditions, it may be necessary to replace the hydraulic filter on a more frequent basis. A common symptom of a dirty filter is sluggishness experienced in hydraulic functions.									

Table 2-2. Inspection and Preventive Maintenance Schedule

AREA	INTERVAL					
	Pre-Start <sup>1</sup> Inspection	Weekly Preventive Maintenance	Monthly Preventive Maintenance	Pre-Delivery <sup>2</sup> or Frequent <sup>3</sup> Inspection	Annual <sup>4</sup> (Yearly) Inspection	Every 2 Years
<b>Boom Assembly</b>	9					
Boom Weldments				1,2,4	1,2,4	
Hose/Cable Carrier Installations				1,2,9,12	1,2,9,12	
Pivot Pins and Pin Retainers				1,2	1,2	
Sheaves, Sheave Pins				1,2	1,2	
Bearings				1,2	1,2	
Wear Pads				1,2	1,2	
Covers or Shields				1,2	1,2	
Extend/Retract Chain or Cable Systems				1,2,3	1,2,3	
<b>Platform Assembly</b>	9					
Platform	1,2				1,2	
Railing	1,2			1	1,2	
Gate			5	1	1,5	
Floor	1,2			1	1,2	
Rotator		9,5				
Lanyard Anchorage Point	2			1,2,10	1,2,10	
<b>Turntable Assembly</b>	9					
Swing Bearing or Worm Gear				1,2,14	1,2,3,13,14	
Oil Coupling		9				
Swing Drive System						
Turntable Lock				1,2,5	1,2,5	
Hood, Hood Props, Hood Latches				5	1,2,5	
<b>Chassis Assembly</b>	9					
Tires	1	16,17		16,17,18	16,17,18	
Wheel Nuts/Bolts	1	15		15	15	
Wheel Bearings						14,24
Oscillating Axle/Lockout Cylinder Systems					5,8	
Outrigger or Extendable Axle Systems				5,8	5,8	
Steer Components						
Drive Motors						
Torque Hubs				11	11	
<b>Functions/Controls</b>	9					
Platform Controls	5	5		6	6	
Ground Controls	5	5		6	6	

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Function Control Locks, Guards, or Detents	1,5	1,5		5	5	
Footswitch	1,5			5	5	
Emergency Stop Switches (Ground & Platform)	5			5	5	
Function Limit or Cutout Switch Systems				5	5	
Capacity Indicator					5	
Drive Brakes				5		
Swing Brakes				5		
Boom Synchronization/Sequencing Systems					5	
Manual Descent or Auxiliary Power				5	5	
<b>Power System</b>	9					
Engine Idle, Throttle, and RPM	N/A					
Engine Fluids (Oil, Coolant, Fuel)	N/A					
Air/Fuel Filter		1,7		7	7	
Exhaust System			1,9	9	9	
Batteries	5	1,9			19	
Battery Fluid		11		11	11	
Battery Charger		5			5	
Fuel Reservoir, Cap, and Breather	N/A					
<b>Hydraulic/Electric System</b>	9					
Hydraulic Pumps		1,9		1,2,9		
Hydraulic Cylinders		1,9,7	2	1,2,9	1,2,9	
Cylinder Attachment Pins and Pin Retainers		1,9		1,2	1,2	
Hydraulic Hoses, Lines, and Fittings		1,9	12	1,2,9,12	1,2,9,12	
Hydraulic Reservoir, Cap, and Breather	11	1,9	2	1,5	1,5	24
Hydraulic Filter		1,9		7	7	
Hydraulic Fluid	11			7,11	7,11	
Electrical Connections		1		20	20	
Instruments, Gauges, Switches, Lights, Horn		1			5,23	
<b>General</b>						
Operators and Safety Manuals in Storage Box	21			21	21	
ANSI and EMI Manuals/Handbooks Installed					21	
Capacity Decals Installed, Secure, Legible	21			21	21	
All Decals/Placards Installed, Secure, Legible	21			21	21	
Walk-Around Inspection Performed	21					

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Annual Machine Inspection Due				21		
No Unauthorized Modifications or Additions				21	21	
All Relevant Safety Publications Incorporated				21	21	
General Structural Condition and Welds				2,4	2,4	
All Fasteners, Pins, Shields, and Covers				1,2	1,2	
Grease and Lubricate to Specifications				22	22	
Function Test of All Systems	21			21	21, 22	
Paint and Appearance				7	7	
Stamp Inspection Date on Frame					22	
Notify JLG of Machine Ownership					22	
<p>Footnotes:</p> <p><sup>1</sup> Prior to use each day; or at each Operator change</p> <p><sup>2</sup> Prior to each sale, lease, or delivery</p> <p><sup>3</sup> In service for 3 months or 150 Hours; or Out of service for 3 months or more; or Purchased used</p> <p><sup>4</sup> Annually, no later than 13 months from the date of the prior inspection</p> <p>Performance Codes:</p> <p>1 - Check for proper and secure installation</p> <p>2 - Visual inspection for damage, cracks, distortion or excessive wear</p> <p>3 - Check for proper adjustment</p> <p>4 - Check for cracked or broken welds</p> <p>5 - Operates Properly</p> <p>6 - Returns to neutral or "off" position when released</p> <p>7 - Clean and free of debris</p> <p>8 - Interlocks function properly</p> <p>9 - Check for signs of leakage</p> <p>10 - Decals installed and legible</p> <p>11 - Check for proper fluid level</p> <p>12 - Check for chafing and proper routing</p> <p>13 - Check for proper tolerances</p> <p>14 - Properly lubricated</p> <p>15 - Torqued to proper specification</p> <p>16 - No gouges, excessive wear, or cords showing</p> <p>17 - Properly inflated and seated around rim</p> <p>18 - Proper and authorized components</p> <p>19 - Fully charged</p> <p>20 - No loose connections, corrosion, or abrasions</p> <p>21 - Verify</p> <p>22 - Perform</p> <p>23 - Sealed Properly</p> <p>24 - Drain, Clean, Refill</p>						