

# W24B LOADER

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# **Section 13**

**MAINTENANCE  
AND  
LUBRICATION**

**CAUTION:** The following chart is based on maximum intervals, if the machine operates in severe conditions, service more often.

<u>INTERVAL</u>	<u>SERVICE</u>	<u>INSTRUCTIONS</u>
Run-In: Every 2 Hours Until Stabilized	Torque wheel nuts to 380-420 foot pounds. Torque axle mounting nuts to 900-1000 foot pounds.	
Run-In: After First 20 Hours	Change engine crankcase oil. Change engine oil filters. Check drive belt tension. Drain deposits from fuel tank. Change fuel filters. Service electric fuel pump and transfer pump filters.	Section 72, 82     Section 31  Section 31, 34
Every 10 Hours Or Daily, Whichever Comes First	Grease loader pivot points. Check engine crankcase oil level. Check radiator coolant level. Drain water from air reservoirs. Check transfer pump sediment bowl for water — if found, drain bowl, first stage filter and fuel tank. Inspect machine and ground under it for leaks.	
Every 50 Hours	Check transmission oil level. Check hydraulic oil level. Grease steering cylinder pivots. Grease frame hinge pin pivots. Grease rear axle trunnion pivots.	Section 63  Section 42
Every 100 Hours	Check battery fluid level. Check drive belt tension. Grease front shaft support bearing.	  Section 72, 82
Every 150 Hours	Change engine crankcase oil.	

<u>INTERVAL</u>	<u>SERVICE</u>	<u>INSTRUCTIONS</u>
Every 250 Hours	Grease equipment control lever pivots.	
	Check fluid level in both brake master cylinders.	
	Clean alcohol evaporator filter.	Section 72
	Check front and rear axle oil level.	
	Grease all driveshaft universals and slip splines.	
Every 300 Hours	Change engine oil filter.	
Every 500 Hours	Drain deposits from fuel tank.	
	Change fuel filters	Section 31
	Service electric fuel pump and transfer pump filters.	Section 31, 34
	Grease shifting lever lower pivot.	
Every 1000 Hours	Change hydraulic system oil.	Section 42
	Change hydraulic oil filter.	Section 42
	Change transmission oil.	Section 63
	Change transmission oil filter.	Section 63
	Clean transmission oil strainer.	Section 63
	Clean transmission breather.	Section 63
	Change front and rear axle oil.	
	Clean air compressor cylinder head (by dealer only).	Section 72
	Drain, flush and refill cooling system.	
	Every 2000 Hours	Disassemble and clean alcohol evaporator (by dealer only).
Lubricate starter motor wicks.		Section 85
Every 3000 Hours	Rebuild/replace air compressor (by dealer only).	Section 72
As Required	Service air cleaner elements when restriction indicator shows red signal band.	Section 24
	Torque wheel nuts to 380-420 foot-pounds (dry threads) every two hours until stabilized whenever wheel is removed and installed.	
	Replace fire extinguisher shell.	
	Fill alcohol evaporator with clean wood alcohol.	

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