NEW HOLLAND

Operator's Manual

Skid-Steer Loader
L-454, L-455

L-454 - Serial Number 727233 and above
L-455 - Serial Number 728771 and above

Issue 3-89



42045421
Reprinted

MidWestTech | New Holland L-454, L-455 Skid Steer Loader Operator's Manual | Publicatio... Order the manual at mid-west-tech.com >

L-454 LOADER MAINTENANCE PROGRAM
TM 13 CONTINENTAL GASOLINE

	*Maximum Hourly Operating Interval					
	***					
	10	50	100	250	500	1000
Check coolant level in radiator	X					
Lubricate bucket cylinder pins	X					
Check engine oil level	X****					
Check hydraulic oil level	X					
Squeeze air cleaner dust nipple and check restriction indicator	X					
Check radiator for trash	X					
Lubricate axle seals and brake pivot	X					
Check belt tension	X**	X				
Check tire pressure		X				
Check water level in battery		X				
Clean chaincase breather			X			
Change engine oil and filter			X			
Check final drive idler bracket bolt torque			X			
Check hardware for loosening		X**		X		
Clean hydraulic oil screen		X**		X		
Replace transmission oil filters		X**		X		
Retorque wheel lug bolts	X*****			X		
Check final drive chain tension		X**	X			
Replace in-line fuel filter				X		
Lubricate lift linkage pivot pins				X		
Adjust valves					X	
Replace outer air filter cartridge					X	
Retighten axle bearings					X	
Replace safety element in air cleaner						X
Change hydraulic oil						X

*More frequent maintenance may be necessary.
**First time only.
***Indicates maintenance required once per day or once per shift.
****Twice a day during first 50 hours of run-in.
*****Torque the wheel lug bolts at 10-hour intervals until they retain their torque and every 250 hours thereafter.

MidWestTech | New Holland L-454, L-455 Skid Steer Loader Operator's Manual | Publicatio... Order the manual at mid-west-tech.com >

L-455 LOADER MAINTENANCE PROGRAM
D1042B KUBOTA DIESEL

	*Maximum Hourly Operating Interval					
	***					
	10	50	100	250	500	1000
Check coolant level in radiator	X					
Lubricate bucket cylinder pins	X					
Check engine oil level	X****					
Check hydraulic oil level	X					
Squeeze air cleaner dust nipple and check restriction indicator	X					
Check radiator for trash	X					
Lubricate axle seals and pivot brake	X					
Check belt tension	X**	X				
Check tire pressure		X				
Check acid level in battery		X				
Oil battery cover hinges		X				
Change engine oil and filter			X			
Check hardware for loosening		X**		X		
Clean hydraulic oil screen		X**		X		
Replace transmission oil filters		X**		X		
Clean chain case breather			X			
Change engine oil and filter and drain water from water trap			X			
Retorque wheel lug bolts		X**		X		
Check final drive idler bracket bolt torque			X			
Check final drive chain tension	X*****		X			
Replace fuel filter element			X			
Lubricate lift linkage pivot pins				X		
Replace in-line fuel filter			X			
Replace outer air filter cartridge					X	
Service injectors and adjust valves					X	
Retighten axle bearings					X	
Replace safety element in air cleaner						X
Change hydraulic oil						X

*More frequent maintenance may be necessary under severe service.
**First time only.
***Indicates maintenance required once per day or once per shift.
****Twice a day during first 50 hours of run-in.
*****Wheel lug bolts should be torqued at 10-hour intervals until they retain their torque and every 250 hours thereafter.

MidWestTech | New Holland L-454, L-455 Skid Steer Loader Operator's Manual | Publicatio... Order the manual at mid-west-tech.com >