# **2305 Tractor Maintenance Schedule**

## **Servicing Your Machine**

IMPORTANT: Avoid damage! Operating in extreme conditions may require more frequent service intervals:

- Engine components may become dirty or plugged when operating in extreme heat, dust or other severe conditions.
- Engine oil can degrade if machine is operated constantly at slow or low engine speeds or for frequent short periods of time.

Please use the following timetables to perform routine maintenance on your machine.

#### As Needed

- Replace alternator belt.
- Replace air filter elements.
- Replace light bulbs.
- Replace fuses.
- Clean and replace battery.
- Replace radiator hoses and clamps.
- Check tire air pressure.
- Clean fuel tank overfill reservoir.
- Drain water and sediment from fuel tank, and service water separator.
- Check and clean front grille screens.
- Check and clean radiator cooling screen.
- Clean debris from engine compartment.

# **After First 10 Hours**

• Check wheel bolt torque.

### **Every 10 Hours or Daily**

- Test safety systems.
- Check engine oil level.
- Check transmission oil level.
- Check air filter rubber dust unloading valve.
- Check radiator coolant level.

### **After First 50 Hours**

- Change engine oil and filter.
- Change transmission oil and filter.
- Clean transmission suction screen.

### **Every 50 Hours**

- Check front axle oil level.
- Lubricate machine.

### **Every 200 Hours**

- Change engine oil and filter.
- Change transmission oil and filter.
- Clean transmission suction screen and internal magnets.
- Inspect alternator belt.
- Check wheel bolt torque.

## **Every 400 Hours**

- Change transmission oil and filter.
- Clean transmission suction screen.
- Replace fuel filter.

## **Every 600 Hours**

- Check engine low idle speed.
- Check air filter intake hoses and clamps.
- Change front axle oil.
- Check brake adjustment.

### **Yearly**

- Change engine oil and filter if less than 200 hours of operation.
- Drain water from fuel tank and replace fuel filter.
- Check all hoses and clamps.
- Check battery electrolyte level.

## **Every 1200 Hours**

• Check engine valve clearance. See your John Deere dealer.

# **Every Two Years or 2000 Hours**

- Flush and replace factory coolant. Flush cooling system and replace coolant with John Deere COOL-GARD engine coolant.
- Service fuel injection nozzles.

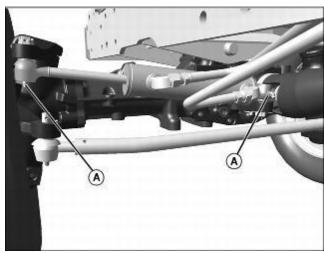
# **Lubricating Machine Grease Fittings**

- Extremely Wet and Muddy Conditions Lubricate machine grease fittings every 10 hours of operation or on a daily basis
- All Other Conditions Lubricate machine grease fittings every 50 hours of operation



MX17421

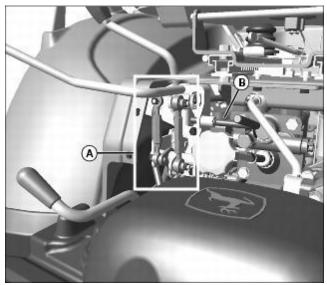
- A Right Tie Rod End
- B Axle Pivot Pin
- C Left Tie Rod End



MX17422

A - Power Steering Cylinder

# **Lubricating Hydraulic Selective Control Valve (SCV) Linkage**



MX17437

Picture Note: Shown with access cover removed.

• Lubricate SCV linkage (A) and SCV lock lever (B) with SUPER LUBE lubricant.

# **Lubricating 3-Point Hitch**



MX35591

• Lubricate ball joints (A) with SUPER LUBE lubricant.

# **200CX Loader Maintenance Schedule And Notes**

# **Perform Lubrication and Maintenance**

IMPORTANT: The recommended service intervals are based on normal/average conditions. Severe or unusual conditions may require more frequent lubrication.

Perform each lubrication and service illustrated in this section before and after storage.

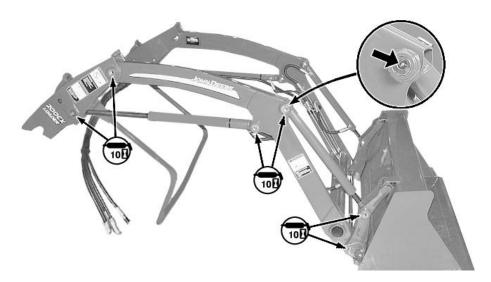
Clean lubrication fittings before using grease gun. Replace lost or broken fittings immediately. If a new fitting fails to take grease, remove and check for failure of adjoining parts.

Using tractor hour meter as a guide, perform services at the hourly intervals indicated on following pages.

### First 10 Hours

- Lubricate fittings on each side of loader. (See procedure in EVERY 10 HOURS in this section.)
- Tighten mounting frame hardware on both sides. (See procedure in EVERY 50 HOURS in this section.)
- Tighten nuts on pivot pins on both sides of loader. (See procedure in EVERY 50 HOURS in this section.)

# **Every 10 Hours**

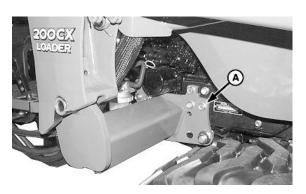


Lubricate twelve fittings, six on each side of loader.

# **Every 50 Hours**

Tighten loader and mounting frame hardware (A) on both sides to specifications.

Tractor	Hardware	Torque Specification
2210, 2305,	Cap Screws, M12 x 35	140 N·m (103 lb-ft)
2320	Tie Bar Nuts, M12	94 N·m (69 lb-ft)
2520	Cap Screws, M12 x 30 Cap Screws, M12 x 40 Tie Bar Nuts, M20	140 N·m (103 lb-ft) 140 N·m (103 lb-ft) 270 N·m (199 lb-ft)
2720	Cap Screws, M12 x 30 Cap Screws, M12 x 35 Cap Screws, M12 x 55	140 N·m (103 lb-ft) 140 N·m (103 lb-ft) 140 N·m (103 lb-ft)
4115	Cap Screws, M12 x 30 Cap Screws, M12 x 40 Tie Bar Nuts, M20	140 N·m (103 lb-ft) 140 N·m (103 lb-ft) 270 N·m (199 lb-ft)
4100, 4110	Cap Screw, M20 x 40 Tie Bar Nuts, M20 Cap Screws, M12 x 35 Cap Screws, M10 x 35	620 N·m (457 lb-ft) 270 N·m (199 lb-ft) 140 N·m (103 lb-ft) 80 N·m (60 lb-ft)



2520 Mounting Frame (Right-Hand Side Shown)

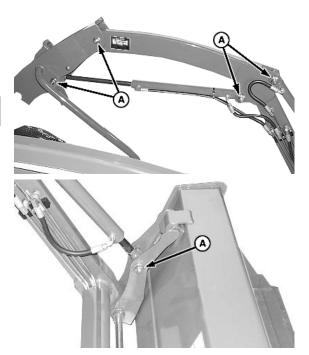
A-Mounting Frame Hardware

Tighten ten nuts (A) (inside frame), on pivot pins on both sides, to specification.

# Specification

Nuts -Torque 15	0 N·m (111 lb-ft)
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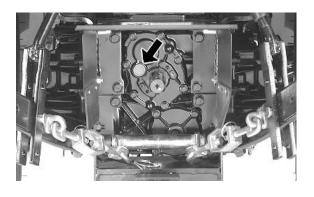
A-Nuts, M16



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# Check Transmission/Hydraulic Oil Level

- 1. Cycle all cylinders three or four times.
- 2. Retract bucket cylinders completely and lower loader to ground.
- 3. Shut off tractor engine and remove key.
- 4. Check transmission/hydraulic oil level. (See your tractor Operator's Manual).



2210, 2305, 2320, 2520 and 2720

Date	Actual Hours	Hours	Completed	2305 Tractor	Completed	200CX Loader
		10		Check wheel bolt torque (65 ft/lbs)		Lubricate 12 fittings, 6 on each side of loader
				Test safety system		Tighten 10 nuts (inside frame), on pivot pins on both sides
				Check engine oil level		Tighten mounting frame hardware on both sides.
				Check transmission oil level		(Cap Screws 103 ft/lbs , Tie Bar Nuts 69 ft/lbs)
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		20		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		30		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		40		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		50		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check air filter rubber dust unloading valve		Tighten 10 nuts (inside frame), on pivot pins on both sides
				Check radiator coolant level		Tighten mounting frame hardware on both sides.
				Check front axel oil level		(Cap Screws 103 ft/lbs , Tie Bar Nuts 69 ft/lbs)
				Lubricate machine		
				CHANGE engine oil and filter		
				CHANGE transmission oil and filter		
				CLEAN transmission suction screen		
		60		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		70		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		80		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		90		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		-
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		100		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		Tighten 10 nuts (inside frame), on pivot pins on both sides
				Check transmission oil level		Tighten mounting frame hardware on both sides.
				Check air filter rubber dust unloading valve		(Cap Screws 103 ft/lbs , Tie Bar Nuts 69 ft/lbs)
				Check radiator coolant level		. , , , , , , , , , , , , , , , , , , ,
				Check front axel oil level		
				Lubricate machine		
			1			

Date	Actual Hours	Hours	Completed	2305 Tractor	Completed	200CX Loader
		110		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		120		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		130		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		140		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		150		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		Tighten 10 nuts (inside frame), on pivot pins on both sides
				Check transmission oil level		Tighten mounting frame hardware on both sides.
				Check air filter rubber dust unloading valve		(Cap Screws 103 ft/lbs , Tie Bar Nuts 69 ft/lbs)
				Check radiator coolant level		
				Check front axel oil level		
				Lubricate machine		
		160		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		170		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		180		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
		46-		Check radiator coolant level	<u> </u>	
		190		Test safety system	<u> </u>	Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level	<u> </u>	
				Check transmission oil level	1	
				Check air filter rubber dust unloading valve	-	
		200		Check radiator coolant level	-	Lubricata 12 fittings Con angle -:
		200		Test safety system  Chack air filter rubber dust upleading valve		Lubricate 12 fittings, 6 on each side of loader  Tighton 10 puts (incide frame), on pivot pins on both sides
				Check air filter rubber dust unloading valve	<del> </del>	Tighten 10 nuts (inside frame), on pivot pins on both sides
				Check radiator coolant level Check front axel oil level	<del> </del>	Tighten mounting frame hardware on both sides.  (Cap Screws 103 ft/lbs , Tie Bar Nuts 69 ft/lbs)
				Lubricate machine	<del> </del>	(cap sciews 103 it/ins , tie bat indis 69 it/ins)
				Change engine oil and filter	<del>                                     </del>	
				Change engine oil and filter  Change transmission oil and filter	<del> </del>	
				Clean transmission scuction screen	1	
					<del> </del>	
				Clean transmission internal magnets Inspect alternator belt	<del> </del>	
				Check wheel bolt torque (65 ft/lbs)		
				Check wheel boit torque (65 It/105)	l	

	220 230 240 250	Test safety system Check engine oil level Check transmission oil level Check air filter rubber dust unloading valve Check radiator coolant level Test safety system Check engine oil level Check transmission oil level Check air filter rubber dust unloading valve Check radiator coolant level Test safety system Check radiator coolant level Test safety system Check engine oil level Check transmission oil level Check air filter rubber dust unloading valve Check air filter rubber dust unloading valve Check air filter rubber dust unloading valve Check radiator coolant level Test safety system Check engine oil level Check transmission oil level	Lubricate 12 fittings, 6 on each side of loader  Lubricate 12 fittings, 6 on each side of loader  Lubricate 12 fittings, 6 on each side of loader  Lubricate 12 fittings, 6 on each side of loader
	230	Check transmission oil level Check air filter rubber dust unloading valve Check radiator coolant level Test safety system Check engine oil level Check transmission oil level Check air filter rubber dust unloading valve Check radiator coolant level Test safety system Check engine oil level Check transmission oil level Check transmission oil level Check transmission oil level Check air filter rubber dust unloading valve Check air filter rubber dust unloading valve Check radiator coolant level Test safety system Check engine oil level	Lubricate 12 fittings, 6 on each side of loader
	230	Check air filter rubber dust unloading valve Check radiator coolant level Test safety system Check engine oil level Check transmission oil level Check air filter rubber dust unloading valve Check radiator coolant level Test safety system Check engine oil level Check transmission oil level Check transmission oil level Check air filter rubber dust unloading valve Check radiator coolant level Test safety system Check radiator coolant level Test safety system Check engine oil level	Lubricate 12 fittings, 6 on each side of loader
	230	Check radiator coolant level Test safety system Check engine oil level Check transmission oil level Check air filter rubber dust unloading valve Check radiator coolant level Test safety system Check engine oil level Check transmission oil level Check air filter rubber dust unloading valve Check radiator coolant level Check air filter rubber dust unloading valve Check radiator coolant level Test safety system Check engine oil level	Lubricate 12 fittings, 6 on each side of loader
	230	Test safety system Check engine oil level Check transmission oil level Check air filter rubber dust unloading valve Check radiator coolant level Test safety system Check engine oil level Check transmission oil level Check air filter rubber dust unloading valve Check radiator coolant level Test safety system Check engine oil level Check engine oil level	Lubricate 12 fittings, 6 on each side of loader
	230	Check engine oil level Check transmission oil level Check air filter rubber dust unloading valve Check radiator coolant level Test safety system Check engine oil level Check transmission oil level Check air filter rubber dust unloading valve Check radiator coolant level Test safety system Check engine oil level	Lubricate 12 fittings, 6 on each side of loader
	240	Check transmission oil level Check air filter rubber dust unloading valve Check radiator coolant level Test safety system Check engine oil level Check transmission oil level Check air filter rubber dust unloading valve Check radiator coolant level Test safety system Check engine oil level	
	240	Check air filter rubber dust unloading valve Check radiator coolant level Test safety system Check engine oil level Check transmission oil level Check air filter rubber dust unloading valve Check radiator coolant level Test safety system Check engine oil level	
	240	Check radiator coolant level Test safety system Check engine oil level Check transmission oil level Check air filter rubber dust unloading valve Check radiator coolant level Test safety system Check engine oil level	
	240	Test safety system Check engine oil level Check transmission oil level Check air filter rubber dust unloading valve Check radiator coolant level Test safety system Check engine oil level	
	240	Check engine oil level Check transmission oil level Check air filter rubber dust unloading valve Check radiator coolant level Test safety system Check engine oil level	
		Check transmission oil level Check air filter rubber dust unloading valve Check radiator coolant level Test safety system Check engine oil level	Lubricate 12 fittings, 6 on each side of loader
		Check air filter rubber dust unloading valve Check radiator coolant level Test safety system Check engine oil level	Lubricate 12 fittings, 6 on each side of loader
		Check radiator coolant level Test safety system Check engine oil level	Lubricate 12 fittings, 6 on each side of loader
		Test safety system Check engine oil level	Lubricate 12 fittings, 6 on each side of loader
		Check engine oil level	Lubricate 12 fittings, 6 on each side of loader
	250		
	250	Check transmission oil level	l .
	250		
	250	Check air filter rubber dust unloading valve	
	250	Check radiator coolant level	
	230	Test safety system	Lubricate 12 fittings, 6 on each side of loader
		Check engine oil level	Tighten 10 nuts (inside frame), on pivot pins on both sides
		Check transmission oil level	Tighten mounting frame hardware on both sides.
		Check air filter rubber dust unloading valve	(Cap Screws 103 ft/lbs , Tie Bar Nuts 69 ft/lbs)
		Check radiator coolant level	
		Check front axel oil level	
		Lubricate machine	
	260	Test safety system	Lubricate 12 fittings, 6 on each side of loader
		Check engine oil level	
		Check transmission oil level	
		Check air filter rubber dust unloading valve	
		Check radiator coolant level	
	270	Test safety system	Lubricate 12 fittings, 6 on each side of loader
		Check engine oil level	
		Check transmission oil level	
		Check air filter rubber dust unloading valve	
		Check radiator coolant level	
	280	Test safety system	Lubricate 12 fittings, 6 on each side of loader
		Check engine oil level	<u> </u>
		Check transmission oil level	
		Check air filter rubber dust unloading valve	
		Check radiator coolant level	
	290	Test safety system	Lubricate 12 fittings, 6 on each side of loader
		Check engine oil level	<u>0.</u> , <u></u>
	+	Check transmission oil level	
	+	Check air filter rubber dust unloading valve	
	+	Check radiator coolant level	
	300	Test safety system	Lubricate 12 fittings, 6 on each side of loader
		Check engine oil level	Tighten 10 nuts (inside frame), on pivot pins on both sides
	+	Check transmission oil level	Tighten mounting frame hardware on both sides.
	+	Check air filter rubber dust unloading valve	(Cap Screws 103 ft/lbs , Tie Bar Nuts 69 ft/lbs)
	$\dashv$	Check radiator coolant level	(Cup sciews 103 itylibs, the ball itues 03 itylibs
	$\rightarrow$	Check front axel oil level	
	+	Lubricate machine	

Date	Actual Hours	Hours	Completed	2305 Tractor	Completed	200CX Loader
		310		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		-
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		320		Test safety system	1	Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		330		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		3,7,11
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level	1	
		340		Test safety system	1	Lubricate 12 fittings, 6 on each side of loader
		340		Check engine oil level	1	Eddicate 12 Herrigs, 6 on eden side of loader
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level	1	
		350		Test safety system	1	Lubricate 12 fittings, 6 on each side of loader
		330		Check engine oil level	-	Tighten 10 nuts (inside frame), on pivot pins on both sides
				Check transmission oil level		
						Tighten mounting frame hardware on both sides.
				Check air filter rubber dust unloading valve		(Cap Screws 103 ft/lbs , Tie Bar Nuts 69 ft/lbs
				Check radiator coolant level	1	
				Check front axel oil level	1	
				Lubricate machine		
		360		Test safety system	1	Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		370		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		380		Test safety system	1	Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		390		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		400		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check air filter rubber dust unloading valve		Tighten 10 nuts (inside frame), on pivot pins on both sides
				Check radiator coolant level		Tighten mounting frame hardware on both sides.
				Check front axel oil level		(Cap Screws 103 ft/lbs , Tie Bar Nuts 69 ft/lbs
				Lubricate machine		
				Change engine oil and filter		
				Change transmission oil and filter		
				Clean transmission scuction screen		
				Clean transmission internal magnets		
				Inspect alternator belt		
	1			Check wheel bolt torque (65 ft/lbs)	1	

Date	Actual Hours	Hours	Completed	2305 Tractor	Completed	200CX Loader
		410		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		420		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		430		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		· ·
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		440		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level	<u> </u>	
				Check transmission oil level	<del> </del>	
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		450		Test safety system		Lubricate 12 fittings, 6 on each side of loader
		430		Check engine oil level		Tighten 10 nuts (inside frame), on pivot pins on both sides
				Check transmission oil level		Tighten mounting frame hardware on both sides.
				Check diransinission on level Check air filter rubber dust unloading valve		(Cap Screws 103 ft/lbs , Tie Bar Nuts 69 ft/lbs)
				Check radiator coolant level		(Cap Screws 103 Tyrus , Tie Bai Nuts 03 Tyrus)
				Check front axel oil level		
				Lubricate machine		
		460		Test safety system		Lubricate 12 fittings, 6 on each side of loader
		400		Check engine oil level		Lubricate 12 littings, 0 on each side of loader
				Check transmission oil level		
				Check radiator spalant level		
		470		Check radiator coolant level		Lubricate 12 fittings 6 on each side of leader
		470		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
		400		Check radiator coolant level		Lubricata 12 fistings Company vide of leader
		480		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level	-	
				Check air filter rubber dust unloading valve	-	
		400		Check radiator coolant level	<u> </u>	Lubricata 42 fishings Constant of Constant
		490		Test safety system	<del> </del>	Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level	<del> </del>	
				Check transmission oil level	<del> </del>	
				Check air filter rubber dust unloading valve	<del> </del>	
		F0-		Check radiator coolant level		L b 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
		500		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		Tighten 10 nuts (inside frame), on pivot pins on both sides
				Check transmission oil level		Tighten mounting frame hardware on both sides.
				Check air filter rubber dust unloading valve	ļ	(Cap Screws 103 ft/lbs , Tie Bar Nuts 69 ft/lbs)
				Check radiator coolant level	1	
				Check front axel oil level		
				Lubricate machine		

Date	Actual Hours	Hours	Completed	2305 Tractor	Completed	200CX Loader
		510		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		520		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		530		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		540		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		, , , , , , , , , , , , , , , , , , ,
				Check transmission oil level		
				Check air filter rubber dust unloading valve	1	
				Check radiator coolant level	1	
		550		Test safety system	1	Lubricate 12 fittings, 6 on each side of loader
		330		Check engine oil level		Tighten 10 nuts (inside frame), on pivot pins on both sides
				Check transmission oil level	1	Tighten mounting frame hardware on both sides.
				Check air filter rubber dust unloading valve	1	(Cap Screws 103 ft/lbs , Tie Bar Nuts 69 ft/lbs)
				Check radiator coolant level	1	(Cap sciews 103 it/lbs , file bal Nuts 03 it/lbs)
				Check front axel oil level		
		560		Lubricate machine	1	
		560		Test safety system	1	Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level	1	
				Check transmission oil level	ļ	
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		570		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		580		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		590		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		600		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check air filter rubber dust unloading valve		Tighten 10 nuts (inside frame), on pivot pins on both sides
				Check radiator coolant level		Tighten mounting frame hardware on both sides.
				Check front axel oil level		(Cap Screws 103 ft/lbs , Tie Bar Nuts 69 ft/lbs)
				Lubricate machine		
				Change engine oil and filter		
				Change transmission oil and filter		
				Clean transmission scuction screen		
				Clean transmission internal magnets		
				Inspect alternator belt		
				Check wheel bolt torque (65 ft/lbs)	1	
				Replace fuel filter	1	
				Check engine low idle speed	1	
				Check air filter intake hoses and clamps		
				Change front axel oil	1	
				Check brake adjustment	<u> </u>	

Date	<b>Actual Hours</b>	Hours	Completed	2305 Tractor	Completed	200CX Loader
		610		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		620		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		630		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		-
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		640		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		650		Test safety system		Lubricate 12 fittings, 6 on each side of loader
		030		Check engine oil level		Tighten 10 nuts (inside frame), on pivot pins on both sides
				Check transmission oil level		Tighten mounting frame hardware on both sides.
				Check air filter rubber dust unloading valve		(Cap Screws 103 ft/lbs , Tie Bar Nuts 69 ft/lbs
				Check radiator coolant level		(Cap Sciews 103 it/ibs), the bal Natis 03 it/ibs
				Check front axel oil level		
		660		Lubricate machine		Lubricata 12 fittings Company side of lands
		660		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
		670		Check radiator coolant level		L. L. Company of the
		670		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		680		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		690		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		700		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		Tighten 10 nuts (inside frame), on pivot pins on both sides
				Check transmission oil level		Tighten mounting frame hardware on both sides.
				Check air filter rubber dust unloading valve		(Cap Screws 103 ft/lbs , Tie Bar Nuts 69 ft/lbs
				Check radiator coolant level		
				Check front axel oil level		
				Lubricate machine		

Date	<b>Actual Hours</b>	Hours	Completed	2305 Tractor	Completed	200CX Loader
		710		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		720		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		730		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level	1	
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		740		Test safety system		Lubricate 12 fittings, 6 on each side of loader
		740		Check engine oil level		Edition of February 1997
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level	+	
		750			+	Lubricate 12 fittings Company side of landar
	_	750		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		Tighten 10 nuts (inside frame), on pivot pins on both sides
				Check transmission oil level		Tighten mounting frame hardware on both sides.
				Check air filter rubber dust unloading valve		(Cap Screws 103 ft/lbs , Tie Bar Nuts 69 ft/lb
				Check radiator coolant level		
				Check front axel oil level		
				Lubricate machine		
		760		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		770		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		780		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		790		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level	1	<u></u> <u></u> <u></u>
				Check transmission oil level	1	
				Check air filter rubber dust unloading valve	1	
				Check radiator coolant level		
		800		Test safety system		Lubricate 12 fittings, 6 on each side of loader
		800				
				Check air filter rubber dust unloading valve Check radiator coolant level	+	Tighten 10 nuts (inside frame), on pivot pins on both sides Tighten mounting frame hardware on both sides.
				Check front axel oil level	1	(Cap Screws 103 ft/lbs , Tie Bar Nuts 69 ft/lb
				Lubricate machine	+	
				Change engine oil and filter	1	
				Change transmission oil and filter	1	
				Clean transmission scuction screen	1	
				Clean transmission internal magnets	1	
				Inspect alternator belt	1	
				Check wheel bolt torque (65 ft/lbs)		
				Replace fuel filter		

Date	<b>Actual Hours</b>	Hours	Completed	2305 Tractor	Completed	200CX Loader
		810		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		820		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		830		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		840		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		3.,
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		850		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		Tighten 10 nuts (inside frame), on pivot pins on both sides
				Check transmission oil level		Tighten mounting frame hardware on both sides.
				Check air filter rubber dust unloading valve		(Cap Screws 103 ft/lbs , Tie Bar Nuts 69 ft/lbs
				Check radiator coolant level		(Cap Sciews 103 it/ibs), the bal Natis 03 it/ibs
				Check front axel oil level		
				Lubricate machine		
		960				Lubricate 12 fittings 6 on each side of leader
		860		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
		070		Check radiator coolant level		L. L. Company of the
		870		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		880		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		890		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		900		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		Tighten 10 nuts (inside frame), on pivot pins on both sides
				Check transmission oil level		Tighten mounting frame hardware on both sides.
				Check air filter rubber dust unloading valve		(Cap Screws 103 ft/lbs , Tie Bar Nuts 69 ft/lbs
				Check radiator coolant level		
	·			Check front axel oil level		
				Lubricate machine		

Date	<b>Actual Hours</b>	Hours	Completed	2305 Tractor	Completed	200CX Loader
		910		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		920		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		930		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		-
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		940		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level		37
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		950		Test safety system		Lubricate 12 fittings, 6 on each side of loader
		330		Check engine oil level		Tighten 10 nuts (inside frame), on pivot pins on both sides
				Check transmission oil level		Tighten mounting frame hardware on both sides.
				Check air filter rubber dust unloading valve		(Cap Screws 103 ft/lbs , Tie Bar Nuts 69 ft/lbs)
				Check radiator coolant level		(cap screws 103 H/103 , Tie Bai Nuts 03 H/103)
				Check front axel oil level		
				Lubricate machine		
		960		Test safety system		Lubricate 12 fittings, 6 on each side of loader
		300		Check engine oil level		Lubricate 12 littings, 6 on each side of loader
				Check transmission oil level		
				Check air filter rubber dust unloading valve		
				Check radiator coolant level		
		970				Lubricate 12 fittings 6 on each side of leader
		370		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check engine oil level Check transmission oil level		
				Check radiator spelant level		
		000		Check radiator coolant level		Lubricata 12 fittings C on each side of leader
		980		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check transmission oil level		
				Check air filter rubber dust upleading valve		
				Check air filter rubber dust unloading valve		
		000		Check radiator coolant level		Lubricata 42 fistings Company side of lands
		990		Test safety system  Check engine oil level		Lubricate 12 fittings, 6 on each side of loader
				Check transmission oil level		
				Check transmission oil level	1	
				Check air filter rubber dust unloading valve		
		1000		Check radiator coolant level		Lubrianta 42 fistings Company Classics
		1000		Test safety system		Lubricate 12 fittings, 6 on each side of loader
				Check air filter rubber dust unloading valve		Tighten 10 nuts (inside frame), on pivot pins on both sides
				Check radiator coolant level	1	Tighten mounting frame hardware on both sides.
				Check front axel oil level		(Cap Screws 103 ft/lbs , Tie Bar Nuts 69 ft/lbs
				Lubricate machine		
				Change engine oil and filter		
				Change transmission oil and filter		
				Clean transmission scuction screen		
				Clean transmission internal magnets		
				Inspect alternator belt		
				Check wheel bolt torque (65 ft/lbs)		