

Kelpe - New Holland C190 Service Record

Originated	Work Requested	Action Taken	Comments
9/29/2017	Battery	#139 Battery – 9/29/17 No Hours On Ticket- The machine would not start. The posts on the battery were melted. The old battery was removed and a new battery was installed (Josh).	1 AcDelco Stud Style Battery 31-900CT
9/22/2017	Air Compressor Wire (Repair) /Back Door (Re-Adjusted)	#139 Air Compressor Wire (Repair)/Back Door (Re-Adjusted) – 9/25/17 4,399 Hours- The wire for the air conditioner compressor was repaired. The back door was re-adjusted (Kevin, Tim).	
8/24/2017	Tracks	#139 Tracks – 8/24/17 4,369 Hours- Both of the old tracks were removed from the machine and two new tracks were installed (Mike)	2 Cross Midwest Rubber Tracks 450x55x86K19F
7/21/2017	Air Filter	#139 Air Filters – 7/21/17 4,330 Hours- The air restriction light was on. Both of the air filters were packed solid. Both of the air filters were removed and were replaced with new filters. The engine compartment and radiator were blown out with air (Troy).	
7/19/2017	Door Hinges/Door Latch/Latch (Radiator)/Bucket Bushings/Bucket Pins	#139 Door Hinges/Door Latch/Latch (Radiator)/Bucket Bushings/Bucket Pins – 7/19/17 4,322 Hours- The door was knocked off. The hinges and latch were removed from the door and new hinges and latch were installed. The latch for the radiator was removed and a new latch was installed. The main pins and bushings for the bucket were removed and new pins and bushings were installed (Tim).	1 CNH Door Shock 87050853 2 CNH Hinge 87045605 1 CNH Latch 87456359 2 CNH Pin 86591515
6/20/2017	Pins (Greased)/Linkage (Grease)	#139 Pins (Greased)/Linkage (Grease) – 6/20/17 4,304 Hours- One side of the quick attach would not latch. The pins and linkage were greased and everything is working fine at this time. New pins and everything else for that end of the loader arm to the quick attach will need to be ordered and installed at a later date (Troy).	
5/23/2017	Track Re-Install	#139 Track Re-Install – 5/23/17 4,264 Hours- The grease was released out of the track tensioner on the left track. The track was re-installed and the track was pumped back up (Kevin).	
5/22/2017	Standard Service (Field)/Bucket Teeth (Inner)	#139 Standard Service (Field)/Bucket Teeth (Inner) – 5/22/17 4,262 Hours- A standard service was performed where the engine oil, engine oil filter, fuel filter, and outer air filter were all changed. The alternator/charging system was checked and put out 14.23 volts. The five inner teeth were removed and replaced with new teeth. New pins were installed to secure the teeth in place. The freon was topped off. A cover was ordered for the belly pan for the oil drain. A latch assembly was ordered for the top of the radiator. The hydraulic oil was topped off in the reservoir. All of the items on the field service work order form were checked off and completed (Kevin).	
2/27/2017	Outer Air Filter	#139 Outer Air Filter – 2/27/17 No Hours On Ticket- The machine was lacking power while it was running. The outer air filter was removed and a new filter was installed (Tim).	
2/10/2017	Door Switch	#139 Door Switch – 2/10/17 4,196 Hours- The door switch was no longer bolted to the machine. The switch was re-bolted and the switch seems to still be working properly (Tim).	
2/8/2017	Standard Service/Right Front Idler/Left Rear Bottom Roller/Door Safety Switch	#139 Standard Service/Right Front Idler/Left Rear Bottom Roller/Door Safety Switch – 2/8/17 4,195 Hours- A standard service was performed where the engine oil, engine oil filter, fuel filter, inner air filter, and outer air filter were all changed. The right front idler was removed and a new idler was installed. The left rear bottom roller was removed and a new roller was installed. The old cab door safety switch was removed and a new safety switch was installed. Some of the items on the standard service checklist were checked off and completed (Troy).	1 CNH Right Front Idler 47378990 1 CNH Roller 47378992
11/17/2016	Battery Cable	#139 Battery Cable – 11/17/16 4,087 Hours- The machine would not start. Found that the negative cable end on the battery was loose and corroded. Both terminals were cleaned and both cable ends were tightened up (Kevin).	
11/16/2016	Fuel Filter/Hydraulic Filter	#139 Fuel Filter/Hydraulic Filter – 11/16/16 4,086 Hours- The machine was not running right. The hydraulic were weak and the engine sounded like it was lacking power. The hydraulic filter and fuel filter were both removed and new filters were installed. The fuel tank was topped off and the machine is running a lot better at this time (Mike).	
11/8/2016	Fuse	#139 Fuse – 11/8/16 4,080 Hours- The machine would not start. Found that there was a blown fuse on the firewall. The blown fuse was removed and a new fuse was installed (Kevin).	
10/24/2016	Fuel Return Line/Fuel Suction Line	#139 Fuel Return Line/Fuel Suction Line – 10/24/16 4,041 Hours- The return fuel line and fuel suction line were both removed and two new fuel lines were installed. The machine was having problems starting. After a little time, the machine would start every time the key was cranked. The battery and alternator were both checked and 14.47 volts were put out (Kevin).	1 CNH Fuel Suction Line 87033539
9/6/2016	Left Hand Joystick	#139 Left Hand Joystick – 9/6/16 4,007 Hours- The left-hand joystick was leaking oil. The joystick was removed along with the poppets, universal joint, and plate for the joystick. All new poppets, universal joint, and plate were installed and the joystick was reassembled. The hydraulic oil was changed and checked for leaks around the joystick but none were found (Ian).	2 CNH Left-Hand Joystick Poppet Kit 87614023 2 CNH Left-Hand Joystick U-Joint 71491736
7/20/2016	Air Conditioner Blower Switch	#139 Air Conditioner Blower Switch – 7/20/16 3,996 Hours- The air conditioner blower switch was removed and replaced with a new switch. The wiring harness was cut back and crimped new connectors on so that it would be able to plug into the switch (Troy).	
7/15/2016	Pilot Valve/Door Switch	#139 Pilot Valve/Door Switch – 7/15/16 3,992 Hours- The machine would not dump its bucket but the bucket would still close. The hoses for the hand control were switched around but the problem still remained. Determined that the problem was due to the hand controller was bad. The old controller was removed and a new controller was installed. Also, the switch on the door for the pilot controls was bottomed out. The switch was removed and replaced with a new switch (Tim).	1 CNH Pilot Valve 87578504 1 CNH Door Switch 8205404

Kelpe - New Holland C190 Service Record

Originated	Work Requested	Action Taken	Comments
6/27/2016	Hydraulic Hoses	#139 Hydraulic Hoses – 6/27/16 No Hours On Ticket- There was two leaking hydraulic hoses on the drive pump. The leaking hoses were removed; two new hoses were made and were installed in the field. The hydraulic oil was topped off in the reservoir (Troy).	
6/23/2016	Alternator	#139 Alternator – 6/23/16 3,978 Hours- When the voltage output was checked, the reading was very erratic. The alternator was removed and a reman alternator was installed (Troy).	1 CNH Reman Alternator 84230294R
5/10/2016	Standard Service	#139 Standard Service – 7/1/16 3,954 Hours- A standard service was performed where the engine oil, engine oil filter, fuel filter, and air filter were all changed. The injector pump and injector were both removed and sent to Taylor Deisel where they were repaired and were re-installed. Some of the items on the standard service checklist were checked off and completed (Mike, Kevin).	
5/4/2016	Lift Pump Seal	#139 Lift Pump Seal – 5/4/16 3,936 Hours- The lift pump was leaking. The old lift pump seal was removed and a new seal was installed. A check for leaks was performed but none were found (Mike).	1 CNH Lift Pump Seal 2830156
4/4/2016	Rear Door Hinge/Cab Headliner/Cab Blower/Reciever/Drier/Expansion Valve/Pilot Control Boots	#139 Rear Door Hinge/Cab Headliner/Cab Blower/Reciever/Drier/Expansion Valve/Pilot Control Boots – 4/4/16 3,901 Hours- The rear door had came off of its hinge. The hole for the top hinge on the door was built up. The hinge that was loose on the door was welded. Both of the pins on the loader to the attachment area were removed and replaced with new pins. The headliner, cab blower, receiver/drier, and expansion valve were all removed and replaced with new parts. The rubber boots for the control handles were removed and replaced with new boots. The air conditioner system was recharged with reclaimed Freon from the old system (Tim).	1 CNH Cab Blower 86592107 1 CNH Expansion Valve 86639749 1 CNH Reciever/Drier 86625481 1 CNH Cab Headliner 87023590
2/5/2016	Pin Assembly	#139 Pin Assembly – 2/5/16 3,847 Hours- The pin assembly was broken on the right hand bucket tilt cylinder on the base end. The pin assembly was removed and a new assembly was installed (Troy).	1 CNH Pin 87017102
1/28/2016	Pins/Dust Cap	#139 Pins/Dust Cap – 1/28/16 3,841 Hours- Both of the pivot pins in the ends of the loader arms at the bucket were both broke; were removed and replaced with new pins. The yellow lock device on the air cleaner housing was missing (Troy).	2 CNH Pin 86591515
1/25/2016	Fuel Filter	#139 Fuel Filter – 1/25/16 3,834 Hours- The machine had stopped running. The auxiliary pedal had gotten pushed; the machine started running again but kept cutting out. The fuel filter was changed and the ski-loader is running fine at this time (Troy).	
7/15/2015	Idler	#139 Idler – 7/15/15 3,705 Hours- The left side front idler was bad. The old idler was removed and a new idler was installed (Mike).	1 CNH Idler 47378990
5/19/2015	Blower Control Switch	#139 Blower Control Switch – 5/19/15 3,666 Hours- The old blower control switch was no longer good. The old switch was removed and replaced with a new one (Troy).	1 CNH Blower Control Switch 245258A1
12/17/2014	Battery	#139 Battery – 12/17/14 3,564 Hours- The skid-steer was having a problem starting. Found that the negative battery terminal had melted off. The old battery was removed and replaced with a new one but the machine still would not start. Tried to wiggle the wires by the fuel solenoid and the machine had started. Seems like there is a wiring issue and will have to be looked into at a later date (Kevin).	1 AcDelco Battery 31900
11/19/2014	Pin/Retainer Parts	#139 Pin/Retainer Parts – 11/19/14 3,523 Hours- The loader to the fast-attach was looked over. A broken pin on the left side was found. The old pin and retainer parts were both removed. A new pin and all related retainer parts were all installed (Kevin).	
11/13/2014	Pin/Bolt	#139 Pin/Bolt – 11/13/14 3,510 Hours- The old bolt and pin for the quick attach were replaced with a new bolt and pin. Also, the nut and washers were replaced (Mike).	
10/22/2014	Door Shock/Panel Handle	#139 Door Shock/Panel Handle – 10/22/14 3,470 Hours- A new door shock was installed. Also, a side panel handle on the right side was installed as well (Kevin).	
10/21/2014	Engine Dying	#139 Engine Dying – 10/21/14 3,469 Hours- There was a problem with the engine dying. The fuel in the machine was very low and was topped off and is running fine at this time (Kevin).	
9/22/2014	Standard Service/Fuel Sensor	#139 Standard Service/Fuel Sensor – 9/22/14 3,465 Hours- A standard service was performed where the engine oil, engine oil filter, fuel filter and the cab air filter were all changed. The machine's loader frame was cracked completely in half on both sides. The loader frame was taken off and welded and plated areas that could be welded. The frame was re-installed on the piece of equipment. There was no horn, found that the problem was due to a bad spot in the harness where it had rubbed against the hydraulic pump. The left front roller flange had broken off. The roller was replaced with a new one in the rear and the old rear one was moved to the front. Some items on the standard service checklist were checked off and completed (Tim).	
6/24/2014	Alternator	#139 Alternator – 6/24/14 3,320 Hours- The alternator was charging intermittently. The old alternator was replaced with a new one purchased from Luby. Also, the air conditioner belt was tightened up (Troy).	1 CNH Alternator 84230294
6/4/2014	Drive Sprockets/Tracks/Idler	#139 Drive Sprockets/Tracks/Idler – 6/4/14 3,293 Hours- Both of the drive sprockets were replaced. The left rear idler was no longer good and was replaced with a new one. Both of the track tensioners were removed and resealed. There was a crack on the right-hand track frame that was welded. Both of the old tracks were replaced with new ones (Troy).	1 Left Rear Idler 47378988 2 Bridgestone Track 450x55x86KF

Kelpe - New Holland C190 Service Record

Originated	Work Requested	Action Taken	Comments
5/9/2014	Starting Problem	#139 Starting Problem – 5/9/14 3,264 Hours- There was a complaint that the machine would crank but not start at times. Found that the problem was due to the left-hand auxiliary foot pedal must be in a neutral position or the machine will not start. There was a label that was put onto the window to help inform everyone of this problem. Also, there was some wiring around the fuel pump that was replaced (Rick)	
4/1/2014	Standard Service/ AC Compressor/ Track Roller	#139 Standard Service – 4/1/14 3,240 Hours- A standard service was performed where the engine oil, engine oil filter, fuel filter, and both air filters were changed. The old back-up alarm was not operating properly and was replaced with a new one. The fan belt was replaced with a new one as well (Troy). CNH 1- 84155533 Pressure Switch CNH 1 - 86982450 Belt CNH 1- 47278992 Track Roller CNH 1- 87021178 Fuel Cap CNH 1- 86625481 Receiver Dryer Sanden 1- 03-3470 AC Compressor	
3/14/2014	Starter	#139 Starter – 3/14/14 3,226 Hours- The skid-steer would not start. After looking over the piece of equipment found that the problem was due to a bad starter. Ordered and picked up a new starter from Luby. The starter was installed; everything seems to be working fine at this time (Kevin). 1 CNH Reman Starter 87040161R	1 CNH Reman Starter 87040161R
3/10/2014	Fast Attach Pins	#139 Fast Attach Pins – 3/10/14 3,216 Hours- The fast attach pins were checked and found that both of them were broken. The old pins were removed, along with the retainer hardware. New pins were installed and all needed hardware. Parts were picked up at Pat Kelly. The fittings were lubed and taken for a test drive; the skid-steer ran fine (Kevin).	
2/13/2014	Shank/Tooth Assembly	#139 Shank/Tooth Assembly – 2/13/14 3,187 Hours- Both of the outside shanks and teeth were replaced on the bucket (Kevin).	2 Bobcat Shank & Tooth Assembly BOB2S
1/10/2014	Door Handle	#139 Door Handle – 1/10/14 3,154 Hours- The outside door handle was gone and new door handle was ordered at Pat Kelly. The new handle was picked up and installed (Kevin).	1 CNH Latch Assembly 643758
12/17/2013	Front Door	#139 – 12/17/13 3,180 Hours- Checked out why the front door would not stay shut. Found that the old latch assembly was bad and was the cause to the door not staying shut. A new latch was ordered from Luby and was installed (Kevin).	1 CNH Latch Assembly 86548779
11/14/2013	Right Rear Track Idler	#139 Replaced Track Idler 11/14/13 3,088 Hours-The right rear track idler was replaced on the machine (Troy).	1 CNH Rear Idler 87447230
10/21/2013	Bucket Pin	#139 Bucket Lock Pin 10/21/13 3,056 Hours-The machine didn't have the bucket lock pin/roll pin on the right hand side of the attachment plate. A new pin was picked up from Pat Kelly and put with the machine (Troy).	1 CNH Pin 87758365 1 CNH Roll Pin 866163372
9/17/2013	Standard Service – Field	#139 Standard Service – Field 9/17/13 3,022 Hours- A Standard Service was performed in the field where the engine oil, engine oil filter, fuel filter and outer air filter were all changed (Jim).	
5/20/2013	Standard Service	#139 Standard Service/Fuel Pick up tubes 5/20/13 2,913 Hours-The fuel pick up tubes were replaced in the fuel tank. The fuel lines to the lift pump and the return line to the tank were replaced. The lines were not correct and we had to route them differently to make them fit. A quick service was performed on the machine before it left for an out of town job (Troy).	2 CNH Line 87726109 1 CNH Line Assembly 87033540 1 CNH Line Assembly 87496998
4/17/2013	A/C Compressor	#139 AC Compressor 4/17/13 2,902 Hours-The machine was checked to see why the AC compressor fell into the fan. It was found that the mounts were broken. The correct parts were ordered from Luby and installed. The Freon was recovered, all new parts were installed (Fan, AC bracket, belt, AC compressor). The AC system was vacuumed down and re-charged. A quick attach was installed along with all related parts. The bucket release valve was re-located to under the panel on the right side of the machine. A hold down on the left rear of the machine was welded on (Kevin). 1 CNH Bracket 87036932 1 CNH Fan (Cooling) 87025470 1 CNH AC Belt 87438128 1 CSTK Air Compressor D3-3470 1 CNH Power Bucket Mount 86633529 2 CNH Wedge Pins 87758365 2 CNH Loader Pins 87597878 2 CNH Coils 86634804 2 Parker Adapter Fittings 6HX6-3	
4/13/2013	Loader Pins	#139 Loader Pin Broken 4/13/13 2,895 Hours-The loader pins were checked at this time. It was found that the left pin was broken. The parts were picked up from Pat Kelly and installed. NOTE: The quick attach plate is worn out and needs to be replaced (Kevin).	
4/11/2013	Hydraulic oil leak	#139 Hydraulic oil leak 4/11/13 2,892 Hours-There was a hydraulic oil leak on the machine. It was found that there was a blown bucket cylinder hose (left gland end hose). A new hose was made and installed. The hydraulic oil was topped off in the reservoir at this time (Kevin).	
4/3/2013	Bad Fuel Filter	#139 Bad Fuel Filter 4/3/13 2,877 Hours-The engine was cutting out at high RPM. It was found that the fuel filter is bad. A new fuel filter was installed at this time. The rear door latch tightened/adjusted at this time (Kevin).	

Kelpe - New Holland C190 Service Record

Originated	Work Requested	Action Taken	Comments
3/23/2013	Air filter/Bypass wiper switch	#139 Air filter/Bypass wiper switch 3/23/13 2,836 Hours-The outer air filter was changed. The wiper switch was bypassed (Kevin).	
3/7/2013	Alternator/Fan belt squealing	#139 Alternator fan belt squealing 3/7/13 2,795 Hours-The machine was making a squealing noise and the low voltage light was coming on. It was found that the alternator and fan belt was loose. The belt was tightened and the machine was re-tested. Everything seemed to be working fine at this time (Kevin).	
3/4/2013	Hydraulic oil leak	#139 Hydraulic oil leak 3/4/13 2,786 Hours-The machine had a hydraulic oil leak. It was found that the tube lines for the lift cylinder on the left side had rubbed through. Both of the tube lines were replaced from the valve to the cylinder hoses on the left side. The left hand headlight was replaced. The AUX female coupler was leaking; it was replaced with a new one. The tracks were both tightened. 1 Tube line 87357182 1 Tube line 87357184 1 Headlight 86533428	
2/1/2013	Standard Service	#139 Standard Service 2/1/13 2,743 Hours-A standard service was performed where the engine oil, engine oil filter, and fuel filters were all changed. The fire extinguisher was replaced. An air filter cover was installed. The machine was looked over and all of the items on the work order checklist were completed (Troy).	
10/19/2012	Front and rear idler bad	#139 Idlers bad 10/19/12 2,674 Hours-There was a problem with the left track. It was found that there was a bad front and rear idler. Parts were picked up from Luby and installed. The track was put back on and the track tensioner was pumped up (Kevin/Mike). 1 CNH Front Idler 87480418 2 CNH Bolt 14301824 1 Rear Idler 87480413	
10/18/2012	Idlers bad	No.139 Idlers bad 10/19/12 2,674 Hours-There was a problem with the left track. It was found that there was a bad front and rear idler. Parts were picked up from Luby and installed. The track was put back on and the track tensioner was pumped up (Kevin/Mike). 1 CNH Front Idler 87480418 2 CNH Bolt 14301824 1 Rear Idler 87480413	
7/16/2012	RH Cylinder	No.139 RH Bucket Cylinder 7/17/12 2,584 Hours-There was a broken pin and bolt in the tube end of the right hand bucket cylinder (Troy).	
7/16/2012	WONo. 05377 RH Cylinder	Date Received: 7/17/2012 Date Assigned: 7/17/2012 Date Completed: 7/17/2012 Action: No. 139 RH Bucket Cylinder 7/17/12 2,584 Hours-There was a broken pin and bolt in the tube end of the right hand bucket cylinder (Troy). 2- 6536101 Boom Cylinder packing kit	-
6/24/2012	WONo. 05345 Bucket Coupler/B-U alarm	Date Received: 6/25/2012 Date Assigned: 6/25/2012 Date Completed: 6/25/2012 Action: No. 139 Bucket coupler/B-U alarm 6/25/12 2,551 Hours-The machine would not latch the bucket coupler. There was a bad wire found, the bad spot was repaired. The back-up alarm was not working; it was found that the back-up alarm switch on the left hand joy stick was bad. The loader is bleeding down; it was found that both cylinders had bad packing. Both of the cylinders were re-sealed. Everything is working properly at this time (Tim). 2 Boom Cylinder packing kits 6536101	-
6/24/2012	Bucket Coupler/B-U alarm	No.139 Bucket coupler/B-U alarm 6/25/12 2,551 Hours-The machine would not latch the bucket coupler. There was a bad wire found, the bad spot was repaired. The back-up alarm was not working; it was found that the back-up alarm switch on the left hand joy stick was bad. The loader is bleeding down; it was found that both cylinders had bad packing. Both of the cylinders were re-sealed. Everything is working properly at this time (Tim). 2 Boom Cylinder packing kits 6536101	
6/19/2012	Hardface Cutting edges	No.139 Hardface cutting edge 6/20/12 N/A-The cutting edges on the bucket were hard face welded at this time (Ray).	
6/19/2012	WONo. 05271 Hardface Cutting edges	Date Received: 6/20/2012 Date Assigned: 6/20/2012 Date Completed: 6/20/2012 Action: No. 139 Hardface cutting edge 6/20/12 N/A-The cutting edges on the bucket were hard face welded at this time (Ray).	-
5/29/2012	WONo. 05196 Jerky Hydraulics	Date Received: 5/30/2012 Date Assigned: 5/30/2012 Date Completed: 5/30/2012 Action: No. 139 Hydraulics are Jerky when hot 5/30/12 2,520 Hours-The hydraulics were very jerky when the machine got hot. A new hydraulic filter was installed and the machine was run for about an hour and 45 minutes, the machine would not repeat the problem. The operator was instructed to inform a mechanic if the problem re-occurs (Mike).	-
5/29/2012	Jerky Hydraulics	No.139 Hydraulics are Jerky when hot 5/30/12 2,520 Hours-The hydraulics were very jerky when the machine got hot. A new hydraulic filter was installed and the machine was run for about an hour and 45 minutes, the machine would not repeat the problem. The operator was instructed to inform a mechanic if the problem re-occurs (Mike).	
5/16/2012	New tracks	No.139 New tracks 5/17/12 2,495 Hours-New tracks were installed on both sides. 1 Set of Cross Midwest tracks 450X55X86DF (Invoice is stapled to the ticket, invoice No.140036394, invoice total \$3,237.75)	

Kelpe - New Holland C190 Service Record

Originated	Work Requested	Action Taken	Comments
5/16/2012	WONo. 05150 New tracks	Date Received: 5/17/2012 Date Assigned: 5/17/2012 Date Completed: 5/17/2012 Action: No. 139 New tracks 5/17/12 2,495 Hours-New tracks were installed on both sides. 1 Set of Cross Midwest tracks 450X55X86DF (Invoice is stapled to the ticket, invoice No.140036394, invoice total \$3,237.75)	-
4/1/2012	WONo. 05128 Annual Service	Date Received: 4/2/2012 Date Assigned: 4/2/2012 Date Completed: 4/2/2012 Action: No.139 Annual Service 4/2/12 2,466 Hours-An annual service was performed at this time. The engine oil, engine oil filter, and fuel filter, outer air filter, hydraulic oil filter, and inner air filter were all changed. There was a leak at the left hand final drive, the cover was removed and it was found that some of the planetary gears were missing teeth. A new LH hand final drive assembly was installed (Tim). 1 CNH LH final drive (new) 87600262	-
4/1/2012	Annual Service	No.139 Annual Service 4/2/12 2,466 Hours-An annual service was performed at this time. The engine oil, engine oil filter, and fuel filter, outer air filter, hydraulic oil filter, and inner air filter were all changed. There was a leak at the left hand final drive, the cover was removed and it was found that some of the planetary gears were missing teeth. A new LH hand final drive assembly was installed (Tim). 1 CNH LH final drive (new) 87600262	
2/22/2012	Replaced quick attach hoses	No.139 Blown Hose 2/23/12 2,448 Hours-The hose for the quick attach was blown. Both of the hoses were replaced. The heater was in need of a new switch, a new one was picked up from Luby and installed. Everything seemed to be working fine at this time (Mike). 1 Switch 245258A1	
2/22/2012	WONo. 04881 Replaced quick attach hoses	Date Received: 2/23/2012 Date Assigned: 2/23/2012 Date Completed: 2/23/2012 Action: No. 139 Blown Hose 2/23/12 2,448 Hours-The hose for the quick attach was blown. Both of the hoses were replaced. The heater was in need of a new switch, a new one was picked up from Luby and installed. Everything seemed to be working fine at this time (Mike). 1 Switch 245258A1	-
2/20/2012	WONo. 04867 Quick attach work	Date Received: 2/21/2012 Date Assigned: 2/21/2012 Date Completed: 2/21/2012 Action: No. 139 Quick attach repairs 2/21/12 2,441 Hours-The pin that holds the quick attach to the boom broke. The parts needed were taken to the job site. The quick attach was repaired at this time. The boom and quick attach still needs some work, the bushings were loose and the machine needs to be brought back to the shop for further repairs (Mike). 1 Bolt 280214 1 Washer 695335 1 Nut 9636698 1 Pin 86591515	-
2/20/2012	Quick attach work	No.139 Quick attach repairs 2/21/12 2,441 Hours-The pin that holds the quick attach to the boom broke. The parts needed were taken to the job site. The quick attach was repaired at this time. The boom and quick attach still needs some work, the bushings were loose and the machine needs to be brought back to the shop for further repairs (Mike). 1 Bolt 280214 1 Washer 695335 1 Nut 9636698 1 Pin 86591515	
2/2/2012	Re-pack tilt cylinder/Replace roller	No.139 Bucket tilt cylinder 2/3/12 2436 Hours-The bucket tilt cylinder was removed. There were sent to E+E hydraulics to be re-packed. The right hand front bottom rollers were replaced with new ones from Luby (Troy). 1 Roller 874W7228	
2/2/2012	WONo. 04827 Re-pack tilt cylinder/Replace roller	Date Received: 2/3/2012 Date Assigned: 2/3/2012 Date Completed: 2/3/2012 Action: No.139 Bucket tilt cylinder 2/3/12 2436 Hours-The bucket tilt cylinder was removed. There were sent to E+E hydraulics to be re-packed. The right hand front bottom rollers were replaced with new ones from Luby (Troy). 1 Roller 874W7228	-
10/12/2011	WONo. 04480 Tracks keep coming off	Date Received: 10/13/2011 Date Assigned: 10/13/2011 Date Completed: 10/13/2011 Action: No.139 Tracks keep coming off 10/13/11 2,362 Hours-The tracks keep coming off. The tracks were removed to check the idlers and lower rollers, both were ok. Note: The sprockets are worn out and need to be replaced when the tracks are changed. Some shims were welded on the sides and the bottom of the idler frame area to limit the side to side movement. Also the tilt cylinder is leaking (Rick).	-
10/12/2011	Tracks keep coming off	No.139 Tracks keep coming off 10/13/11 2,362 Hours-The tracks keep coming off. The tracks were removed to check the idlers and lower rollers, both were ok. Note: The sprockets are worn out and need to be replaced when the tracks are changed. Some shims were welded on the sides and the bottom of the idler frame area to limit the side to side movement. Also the tilt cylinder is leaking (Rick).	
10/6/2011	Re-install right track	No.139 Re-install Right track 10/7/11 2,357 Hours-The right hand track came off of the machine. It was re-installed. Also, the air cleaner cover was installed. The bracket was installed for the air conditioner. The A/C was charged and the vent cover was installed in the cab. The hood latch was modified to accept a heavy duty prop rod (Kevin). 1 CNH vent cover 86642944 1 CNH Bracket A/C 87050438 1 CNH A/C Bracket 87050439 1 CNH Heavy Duty Prop rod 1 CNH Air Cleaner Cover 440831A1	

Kelpe - New Holland C190 Service Record

Originated	Work Requested	Action Taken	Comments
10/6/2011	WONo. 04485 Re-install right track	Date Received: 10/7/2011 Date Assigned: 10/7/2011 Date Completed: 10/7/2011 Action: No. 139 Re-install Right track 10/7/11 2,357 Hours-The right hand track came off of the machine. It was re-installed. Also, the air cleaner cover was installed. The bracket was installed for the air conditioner. The A/C was charged and the vent cover was installed in the cab. The hood latch was modified to accept a heavy duty prop rod (Kevin). 1 CNH vent cover 86642944 1 CNH Bracket A/C 87050438 1 CNH A/C Bracket 87050439 1 CNH Heavy Duty Prop rod 1 CNH Air Cleaner Cover 440831A1	-
10/5/2011	WONo. 04495 Windows wont open/shut	Date Received: 10/6/2011 Date Assigned: 10/6/2011 Date Completed: 10/6/2011 Action: No. 139 Engine noise/Windows won't shut/open 10/6/11 2,353 Hours-The windows would not slide open or shut. Both the upper and lower window tracks were removed and cleaned out. The tracks were re-installed and the windows seemed to work fine. There was a noise in the engine at a slow idle. It was found that the air cleaner cap was bad. The A/C needs to be charged and the condenser brackets are broken. The hood prop was bent badly and the throttle was tightened (Kevin).	-
10/5/2011	Windows wont open/shut	No.139 Engine noise/Windows won't shut/open 10/6/11 2,353 Hours-The windows would not slide open or shut. Both the upper and lower window tracks were removed and cleaned out. The tracks were re-installed and the windows seemed to work fine. There was a noise in the engine at a slow idle. It was found that the air cleaner cap was bad. The A/C needs to be charged and the condenser brackets are broken. The hood prop was bent badly and the throttle was tightened (Kevin).	
10/4/2011	Left track came off	No.139 Re-install left track 10/5/11 2351 Hours-The left track was re-installed at this time (Kevin).	
10/4/2011	WONo. 04497 Left track came off	Date Received: 10/5/2011 Date Assigned: 10/5/2011 Date Completed: 10/5/2011 Action: No. 139 Re-install left track 10/5/11 2351 Hours-The left track was re-installed at this time (Kevin).	-
7/21/2011	WONo. 04236 Standard Service	Date Received: 7/22/2011 Date Assigned: 7/22/2011 Date Completed: 7/22/2011 Action: No. 139 Standard Service 7/22/11 2,260 Hours-A standard service was performed where the engine oil, engine oil filter, fuel filter, and air filter were all changed. The cab blower fan and blower switch were replaced at this time. The A/C system was charged with R134A Freon (Tim).	-
7/21/2011	Standard Service	No.139 Standard Service 7/22/11 2,260 Hours-A standard service was performed where the engine oil, engine oil filter, fuel filter, and air filter were all changed. The cab blower fan and blower switch were replaced at this time. The A/C system was charged with R134A Freon (Tim).	
6/5/2011	Replaced Pins and bushings	No.139 Replaced Pins + Bushings 6/6/11 2,189 Hours-All of the pins and bushings were replaced in the quick attach plate and the loader arm ends. He wiring on the quick attach plate was repaired at this time (Troy). 2 Pins 86591515 4 Bushings 9845313 2 Bolts 280214 2 Washers 695335 2 Nuts 86992215	
6/5/2011	WONo. 04022 Replaced Pins and bushings	Date Received: 6/6/2011 Date Assigned: 6/6/2011 Date Completed: 6/6/2011 Action: No.139 Replaced Pins + Bushings 6/6/11 2,189 Hours-All of the pins and bushings were replaced in the quick attach plate and the loader arm ends. He wiring on the quick attach plate was repaired at this time (Troy). 2 Pins 86591515 4 Bushings 9845313 2 Bolts 280214 2 Washers 695335 2 Nuts 86992215	-
5/3/2011	WONo. 03943 Replaced blown hose	Date Received: 5/4/2011 Date Assigned: 5/4/2011 Date Completed: 5/4/2011 Action: No.139 Replaced Blown Hose 5/4/11 2154 Hours-A new hose was made up and installed (Mike).	-
5/3/2011	Replaced blown hose	No.139 Replaced Blown Hose 5/4/11 2154 Hours-A new hose was made up and installed (Mike).	
4/27/2011	Replaced Hoses for Quick attach	No.139 Replaced Blown Hoses 4/28/11 2140 Hours-2 hoses that were blown were replaced. The oil in the hydraulic reservoir was topped off at this time (Mike).	
4/27/2011	WONo. 03930 Replaced Hoses for Quick attach	Date Received: 4/28/2011 Date Assigned: 4/28/2011 Date Completed: 4/28/2011 Action: No. 139 Replaced Blown Hoses 4/28/11 2140 Hours-2 hoses that were blown were replaced. The oil in the hydraulic reservoir was topped off at this time (Mike).	-
3/3/2011	WONo. 03789 Re-Install left track	Date Received: 3/4/2011 Date Assigned: 3/4/2011 Date Completed: 3/4/2011 Action: No.139 Re-Install Track 3/4/11 2111 Hours-The left hand track was re-installed. Everything else is fine at this time (Kevin).	-
3/3/2011	Re-Install left track	No.139 Re-Install Track 3/4/11 2111 Hours-The left hand track was re-installed. Everything else is fine at this time (Kevin).	
12/2/2010	Standard Service/Bad battery	No.139 Standard Service 12/3/10 2035 Hours-A standard service was performed where the engine oil, engine oil filter, fuel filter, and air filter were all changed. The battery was replaced. All other items on the work order checklist were completed (Kevin). 1 Deka 1231MF Battery	

Kelpe - New Holland C190 Service Record

Originated	Work Requested	Action Taken	Comments
12/2/2010	WONo. 03420 Standard Service/Bad battery	Date Received: 12/3/2010 Date Assigned: 12/3/2010 Date Completed: 12/3/2010 Action: No. 139 Standard Service 12/3/10 2035 Hours-A standard service was performed where the engine oil, engine oil filter, fuel filter, and air filter were all changed. The battery was replaced. All other items on the work order checklist were completed (Kevin). 1 Deka 1231MF Battery	-
10/31/2010	WONo. 03348 Bad Grease Valve (rt. Track adjustor)	Date Received: 11/1/2010 Date Assigned: 11/1/2010 Date Completed: 11/1/2010 Action: No. 139 Bad Grease Valve (rt. Track adjustor) 11/1/10 1966 Hours-This machine was checked out because it would not keep grease in the right hand track adjustor. It was found that the grease valve was bad. The correct replacement part was picked up from Pat Kelly and installed. The track was pumped up at this time (Kevin). 1 CNH Valve 87356572	-
10/31/2010	Bad Grease Valve (rt. Track adjustor)	No.139 Bad Grease Valve (rt. Track adjustor) 11/1/10 1966 Hours-This machine was checked out because it would not keep grease in the right hand track adjustor. It was found that the grease valve was bad. The correct replacement part was picked up from Pat Kelly and installed. The track was pumped up at this time (Kevin). 1 CNH Valve 87356572	
10/3/2010	No.139 Tracks	No.139 Tracks 10/4/10 1939 Hours-The tracks were checked, it was found that the track was right of the idler in the front and rear. The tracks were placed back onto the idlers and the track adjustor was pumped back up (Kevin).	
10/3/2010	WONo. 03257 No.139 Tracks	Date Received: 10/4/2010 Date Assigned: 10/4/2010 Date Completed: 10/4/2010 Action: No. 139 Tracks 10/4/10 1939 Hours-The tracks were checked, it was found that the track was right of the idler in the front and rear. The tracks were placed back onto the idlers and the track adjustor was pumped back up (Kevin).	-
9/13/2010	WONo. 03175 Replace loader arm pin assembly	Date Received: 9/8/2010 Date Assigned: 9/8/2010 Date Completed: 9/8/2010 Action: No.139 Replaced Pin 9/8/10 1920 Hours-The pin and bolt assembly were replaced on the right side loader arm; it was where the loader arm meets the quick attach bracket (Troy). 1 Pin 86591515	-
9/7/2010	Replace loader arm pin assembly	No.139 Replaced Pin 9/8/10 1920 Hours-The pin and bolt assembly were replaced on the right side loader arm; it was where the loader arm meets the quick attach bracket (Troy). 1 Pin 86591515	
8/4/2010	Right Front Idler	No.139 Right Front Idler Failed 8/5/10 1837 Hours-The right front idler failed. The track was removed; it was found that the idler was bad, so it was replaced. One bad bucket tooth and keeper was replaced (Rick). 1 CNH idler 87480418 1 Tooth 23HXL	
8/4/2010	WONo. 03145 Right Front Idler	Date Received: 8/5/2010 Date Assigned: 8/5/2010 Date Completed: 8/5/2010 Action: No.139 Right Front Idler Failed 8/5/10 1837 Hours-The right front idler failed. The track was removed; it was found that the idler was bad, so it was replaced. One bad bucket tooth and keeper was replaced (Rick). 1 CNH idler 87480418 1 Tooth 23HXL	-
7/12/2010	WONo. 03052 A/C Compressor	Date Received: 7/13/2010 Date Assigned: 7/13/2010 Date Completed: 7/13/2010 Action: 1818 Hours-The A/C was checked, it was found that the Hi side pressure port on the compressor was broken-a new line was made up and a new compressor was ordered and installed. It was vacuumed down and recharged (Kevin). 1 CSTK New Compressor 03-3470	-
7/12/2010	A/C Compressor	1818 Hours-The A/C was checked, it was found that the Hi side pressure port on the compressor was broken-a new line was made up and a new compressor was ordered and installed. It was vacuumed down and recharged (Kevin). 1 CSTK New Compressor 03-3470	
6/15/2010	WONo. 02985 Drive Motor	Date Received: 6/15/2010 Date Assigned: 6/15/2010 Date Completed: 6/15/2010 Action: 1771 Hours-There were problems with the hydrostatic drive system after the recent pump failure and system clean out. We sent both drive motors to QHI. They determined that the left motor was good, however the right was not. A new right motor was installed. The left motor and both tracks were reinstalled. It was checked for operation and it seems ok. The repairs were finished and the A/C was given some freon. The cab filter was replaced and both final drive levels were checked. All else seems fine at this time (Rick). Parts: Right Drive Motor 87600263 \$4400 3 Gal 10Wt. Oil 1 QHI invoice No.17426	-
6/14/2010	Drive Motor	1771 Hours-There were problems with the hydrostatic drive system after the recent pump failure and system clean out. We sent both drive motors to QHI. They determined that the left motor was good, however the right was not. A new right motor was installed. The left motor and both tracks were reinstalled. It was checked for operation and it seems ok. The repairs were finished and the A/C was given some freon. The cab filter was replaced and both final drive levels were checked. All else seems fine at this time (Rick). Parts: Right Drive Motor 87600263 \$4400 3 Gal 10Wt. Oil 1 QHI invoice No.17426	

Kelpe - New Holland C190 Service Record

Originated	Work Requested	Action Taken	Comments
4/18/2010	Annual Service	<p>1751 Hours-An annual service was performed where the engine oil, engine oil filter, fuel filters, and air filters were all changed. The machine failed the attachment hydraulic pump and contaminated everything. QHI cleaned and inspected the drive pumps and we removed the drive motors and resealed them. The lift and bucket cylinders were also resealed at this time. The hydraulic cooler was flushed out. The tank and lines were also flushed out. The A/C and fan belt was replaced. Also, the fan blade was cracked so the fan blade assembly was replaced. The left drive motor had some of its piston seals deteriorating. They were replaced. The engine thermostat and gasket were replaced, but the buzzer and the warning light would still come on after a short period of time when running the machine. An electric gauge kit was installed (the engine was not overheating). The drive motor brake lines were replaced at this time as well because they were rusted. There were also some problems with the wiring harness, it was damaged. Connectors had to be installed inside the left hand fender. All other items on the work order checklist were completed (Rick).</p> <p>1 CNH Hydraulic Pump 87024695 1 CNH Fan Blade Assembly 87025470 1 CNH Fan Belt 86982450 1 CNH A/C Belt 87438128 2 CNH 86537054 2 CNH Lift Cylinder kits 86536101 2 CNH Drive Motor Seal Kits 87461859 2 CNH Drive Motor Bolt set 87461860 1 CNH RH brake line 87452156 1 CNH LH brake line 87452161 1 CNH Thermostat gasket 2852154 1 CNH Thermostat 2830734 1 CarQuest Electric Engine Temp Gauge</p>	
5/16/2010	WONo. 02917 Annual Service	<p>Date Received: 4/19/2010 Date Assigned: 4/19/2010 Date Completed: 5/17/2010 Action: 1751 Hours-An annual service was performed where the engine oil, engine oil filter, fuel filters, and air filters were all changed. The machine failed the attachment hydraulic pump and contaminated everything. QHI cleaned and inspected the drive pumps and we removed the drive motors and resealed them. The lift and bucket cylinders were also resealed at this time. The hydraulic cooler was flushed out. The tank and lines were also flushed out. The A/C and fan belt was replaced. Also, the fan blade was cracked so the fan blade assembly was replaced. The left drive motor had some of its piston seals deteriorating. They were replaced. The engine thermostat and gasket were replaced, but the buzzer and the warning light would still come on after a short period of time when running the machine. An electric gauge kit was installed (the engine was not overheating). The drive motor brake lines were replaced at this time as well because they were rusted. There were also some problems with the wiring harness, it was damaged. Connectors had to be installed inside the left hand fender. All other items on the work order checklist were completed (Rick).</p> <p>1 CNH Hydraulic Pump 87024695 1 CNH Fan Blade Assembly 87025470 1 CNH Fan Belt 86982450 1 CNH A/C Belt 87438128 2 CNH 86537054 2 CNH Lift Cylinder kits 86536101 2 CNH Drive Motor Seal Kits 87461859 2 CNH Drive Motor Bolt set 87461860 1 CNH RH brake line 87452156 1 CNH LH brake line 87452161 1 CNH Thermostat gasket 2852154 1 CNH Thermostat 2830734 1 CarQuest Electric Engine Temp Gauge</p>	-
1/17/2010	WONo. 02723 Throttle Cable	<p>Date Received: 1/18/2010 Date Assigned: 1/18/2010 Date Completed: 1/18/2010 Action: 1,631 Hours-A new throttle cable was installed from the foot pedal to the injection pump. All else is fine at this time (Mike).</p> <p>Parts Used: 1 Throttle Cable 87576175</p>	-
1/17/2010	Throttle Cable	<p>1,631 Hours-A new throttle cable was installed from the foot pedal to the injection pump. All else is fine at this time (Mike).</p> <p>Parts Used: 1 Throttle Cable 87576175</p>	
11/22/2009	New Tracks	1600.3 Hours-New rubber tracks were installed. The rubber tracks had warranty work done on them. All is fine at this time (Troy).	
11/22/2009	WONo. 02602 New Tracks	<p>Date Received: 11/23/2009 Date Assigned: 11/23/2009 Date Completed: 11/23/2009 Action: 1600.3 Hours-New rubber tracks were installed. The rubber tracks had warranty work done on them. All is fine at this time (Troy).</p>	-

Kelpe - New Holland C190 Service Record

Originated	Work Requested	Action Taken	Comments
11/9/2009	WONo. 02599 The rod eye broken on bucket tilt cylinder	Date Received: 11/10/2009 Date Assigned: 11/10/2009 Date Completed: 11/10/2009 Action: 1,598 Hours- The rod eye was broken off on the bucket tilt cylinder. On the other tilt cylinder the rod appeared to be bent. A completely new cylinder was installed on the left hand side. The old rod on the right hand side was replaced and resealed. The main bucket pins and main pins bucket tilt pins were cracked, so both of the main bucket pins and bushings were replaced. Also, the pins for the bucket tilt cylinder were replaced at this time (Tim). 286591515Pin 2191823Washer 2280214Bolt 49845313Bushing 187038986Bucket Cylinder 186537054Seal Kit 287017102Pin 186537051Cylinder Rod	-
11/9/2009	The rod eye broken on bucket tilt cylinder	1,598 Hours- The rod eye was broken off on the bucket tilt cylinder. On the other tilt cylinder the rod appeared to be bent. A completely new cylinder was installed on the left hand side. The old rod on the right hand side was replaced and resealed. The main bucket pins and main pins bucket tilt pins were cracked, so both of the main bucket pins and bushings were replaced. Also, the pins for the bucket tilt cylinder were replaced at this time (Tim). 286591515Pin 2191823Washer 2280214Bolt 49845313Bushing 187038986Bucket Cylinder 186537054Seal Kit 287017102Pin 186537051Cylinder Rod	
11/2/2009	Machine was lacking power	1,572 Hours-Check why the machine was lacking power. The fuel pick-up lines were checked at the tank, they were fine. The outer air filter was very dirty, so it was replaced. The fuel filter was also replaced. Everything seems to be ok at this point (Troy).	
11/2/2009	WONo. 02567 Machine was lacking power	Date Received: 11/3/2009 Date Assigned: 11/3/2009 Date Completed: 11/3/2009 Action: 1,572 Hours-Check why the machine was lacking power. The fuel pick-up lines were checked at the tank, they were fine. The outer air filter was very dirty, so it was replaced. The fuel filter was also replaced. Everything seems to be ok at this point (Troy).	-
10/13/2009	WONo. 02540 Alternator / fast attach pin	Date Received: 10/14/2009 Date Assigned: 10/14/2009 Date Completed: 10/14/2009 Action: 1,566 Hrs.-The fast attach for a broken mounting pin. The machine will not start after running. There was a broken fast attach mounting pin so the bracket was removed and the bushings, mounting pins, and all related hardware was replaced. A new alternator was also installed and the output read 14.2 volts (Kevin). 1-87038475 CNH Alternator 2-86591515 CNH fast attach pin	-
10/13/2009	Alternator / fast attach pin	1,566 Hrs.-The fast attach for a broken mounting pin. The machine will not start after running. There was a broken fast attach mounting pin so the bracket was removed and the bushings, mounting pins, and all related hardware was replaced. A new alternator was also installed and the output read 14.2 volts (Kevin). 1-87038475 CNH Alternator 2-86591515 CNH fast attach pin	
9/29/2009	fast attach is not operating	1,540 Hours-Check why the fast attach is not operating, it was found that the left bucket lock peg was frozen up. It was lubricated and worked at the same time in order to free it up. Everything seems to be in proper working function at this point in time (Kevin).	
9/29/2009	WONo. 02461 fast attach is not operating	Date Received: 9/30/2009 Date Assigned: 9/30/2009 Date Completed: 9/30/2009 Action: 1,540 Hours-Check why the fast attach is not operating, it was found that the left bucket lock peg was frozen up. It was lubricated and worked at the same time in order to free it up. Everything seems to be in proper working function at this point in time (Kevin).	-
8/31/2009	WONo. 02348 Door Latch / Would not start	Date Received: 8/24/2009 Date Assigned: 8/24/2009 Date Completed: 8/24/2009 Action: 1,519 hours-Went to the job to see why it wouldn't start, a bad wire was found on the fuel shut down toggle switch. The wire was repaired and the other was tightened. It was tested at this time and ran fine. Also a door latch was picked up from Pat Kelly and installed (Kevin). 1- 86548779 CNH Latch Assembly	-
8/23/2009	Door Latch / Would not start	1,519 hours-Went to the job to see why it wouldn't start, a bad wire was found on the fuel shut down toggle switch. The wire was repaired and the other was tightened. It was tested at this time and ran fine. Also a door latch was picked up from Pat Kelly and installed (Kevin). 1- 86548779 CNH Latch Assembly	
8/12/2009	Squealing noise coming out of the loader arm	1,503 Hours-There was a squealing noise coming out of the loader arm, the left lift cylinder rod end lube fitting would not take grease. A new fitting was installed and the machine was greased; everything else seems to be in working order (Kevin).	
8/12/2009	WONo. 02366 Squealing noise coming out of the loader arm	Date Received: 8/13/2009 Date Assigned: 8/13/2009 Date Completed: 8/13/2009 Action: 1,503 Hours-There was a squealing noise coming out of the loader arm, the left lift cylinder rod end lube fitting would not take grease. A new fitting was installed and the machine was greased; everything else seems to be in working order (Kevin).	-

Kelpe - New Holland C190 Service Record

Originated	Work Requested	Action Taken	Comments
8/6/2009	WONo. 02300 St Service / Idlers	Date Received: 7/14/2009 Date Assigned: 7/14/2009 Date Completed: 7/14/2009 Action: 1,466 Hours---Performed a standard service, changed the engine oil and filter, fuel filter and air filter. Also changed the planetary oil it was very black should be changed every service. The a/c hose from the compressor high side to condenser blew, made new hose, replaced the hose and recharged. Replaced the left side bucket tooth with used 23hxl and a new pin. Removed the tracks and replaced both rear idlers, replaced the left front idler. Roland looked at the tracks will replace under full warranty, reinstalled the old tracks to run them out. Completed the work order check list. (Troy)	-
7/13/2009	St Service / Idlers	1,466 Hours---Performed a standard service, changed the engine oil and filter, fuel filter and air filter. Also changed the planetary oil it was very black should be changed every service. The a/c hose from the compressor high side to condenser blew, made new hose, replaced the hose and recharged. Replaced the left side bucket tooth with used 23hxl and a new pin. Removed the tracks and replaced both rear idlers, replaced the left front idler. Roland looked at the tracks will replace under full warranty, reinstalled the old tracks to run them out. Completed the work order check list. (Troy)	
2/22/2009	WONo. 01956 Replaced rubber tracks	Date Received: 2/20/2009 Date Assigned: 2/20/2009 Date Completed: 2/20/2009 Action: 1187Hrs---Replaced rubber tracks with after market tracks from Roland Machinery. (Troy/Jamie)	-
2/19/2009	Replaced rubber tracks	V Track Brand-----52455V (x2) 1187Hrs---Replaced rubber tracks with after market tracks from Roland Machinery. (Troy/Jamie)	
		V Track Brand-----52455V (x2)	
11/30/2008	WONo. 01583 Annual Service	Date Received: 11/28/2008 Date Assigned: 11/28/2008 Date Completed: 11/28/2008 Action: 1108Hrs---Performed an annual service and looked over the work order checklist. Replaced the wiring harness going to the bucket quick attach solenoid. Left hand bucket quick attach pin had the bolt on the link age broken. Most of the parts were there so we just replaced the bolt and piece the bolts threaded into. (Tim H.)	-
11/27/2008	Annual Service	1108Hrs---Performed an annual service and looked over the work order checklist. Replaced the wiring harness going to the bucket quick attach solenoid. Left hand bucket quick attach pin had the bolt on the link age broken. Most of the parts were there so we just replaced the bolt and piece the bolts threaded into. (Tim H.)	
10/16/2008	WONo. 01452 Track ran off both idlers	Date Received: 10/16/2008 Date Assigned: 10/16/2008 Date Completed: 10/16/2008 Action: 1007Hrs---Checked the left track and found that it had run off both idlers and sprockets. Released the grease off of the adjuster and removed the track from the front idler. Worked track back on the rear idler and sprocket. Reinstalled the track on the front idler and adjusted track tension. Test ran and everything was good. (Kevin W.)	-
10/15/2008	Track ran off both idlers	1007Hrs---Checked the left track and found that it had run off both idlers and sprockets. Released the grease off of the adjuster and removed the track from the front idler. Worked track back on the rear idler and sprocket. Reinstalled the track on the front idler and adjusted track tension. Test ran and everything was good. (Kevin W.)	
10/1/2008	Recent Hours	963 Hours	-
8/13/2008	WONo. 01192 Standard Service	Date Received: 8/11/2008 Date Assigned: 8/11/2008 Date Completed: 8/11/2008 Action: 887HRS---Performed a standard service and looked over work order checklist. Welded a shank back on the bucket. Replaced a grease fitting on the bucket tilt. Drained and refilled both final drives. (Tim H.)	-
8/10/2008	Standard Service	887HRS---Performed a standard service and looked over work order checklist. Welded a shank back on the bucket. Replaced a grease fitting on the bucket tilt. Drained and refilled both final drives. (Tim H.)	
7/24/2008	WONo. 01091 A/C blower was not working	Date Received: 7/18/2008 Date Assigned: 7/18/2008 Date Completed: 7/18/2008 Action: A/C blower would not work because of a bad relay and wiring. It was patched so that it would allow it to work temporarily till Kevin got the parts to repair it properly. (Troy)	-
		Switch No. 87018688 A/C Switch	
7/23/2008	WONo. 01077 Replaced a/c relay	Date Received: 7/21/2008 Date Assigned: 7/21/2008 Date Completed: 7/21/2008 Action: 864Hours---Replaced the a/c relay and wiring harness. Replaced a/c switch in the cab. (Troy)	-
		A/C switch---New Holland 87018688	
7/20/2008	Replaced a/c relay	864Hours---Replaced the a/c relay and wiring harness. Replaced a/c switch in the cab. (Troy)	
		A/C switch---New Holland 87018688	
7/17/2008	A/C blower was not working	A/C blower would not work because of a bad relay and wiring. It was patched so that it would allow it to work temporarily till Kevin got the parts to repair it properly. (Troy)	
7/9/2008	WONo. 01029 Checked why grapple bucket would not fit.	Date Received: 7/10/2008 Date Assigned: 7/10/2008 Date Completed: 7/10/2008 Action: 818HRS---Checked to see why grapple bucket would not fit and found that the tab on the machine was hitting the quick coupler. Cut off the tab with a torch and then grinded flat. Fitting is ok now. (Kevin W.)	-
7/9/2008	Checked why grapple bucket would not fit.	818HRS---Checked to see why grapple bucket would not fit and found that the tab on the machine was hitting the quick coupler. Cut off the tab with a torch and then grinded flat. Fitting is ok now. (Kevin W.)	
7/2/2008	WONo. 00994 A/C system relay and mount was bad.	Date Received: 7/2/2008 Date Assigned: 7/2/2008 Date Completed: 7/2/2008 Action: 792HRS---Checked to see why a/c blower was not operating. Found that a/c system relay and mount was bad. Cleaned terminals and wire tied it together so that it could be used. Order parts from Pat Kelly and Terminal Supply. (Kevin W.)	-
7/1/2008	A/C system relay and mount was bad.	792HRS---Checked to see why a/c blower was not operating. Found that a/c system relay and mount was bad. Cleaned terminals and wire tied it together so that it could be used. Order parts from Pat Kelly and Terminal Supply. (Kevin W.)	

Kelpe - New Holland C190 Service Record

Originated	Work Requested	Action Taken	Comments
3/2/2008	Tub line under machine	604 Hours Checked hyd oil leak found bad tube line from bottom of cooler to tee fitting. The tube is under the hydrostat, had to R+R both belly pans and cleanout dirt with the steam cleaner. The oil level seam to be ok. (Kevin) 1- 87460129 Tube Ass	
3/3/2008	WONo. 00558 Tub line under machine	Date Received: 3/3/2008 Date Assigned: 3/3/2008 Date Completed: 3/4/2008 Action: 604 Hours Checked hyd oil leak found bad tube line from bottom of cooler to tee fitting. The tube is under the hydrostat, had to R+R both belly pans and cleanout dirt with the steam cleaner. The oil level seam to be ok. (Kevin) 1- 87460129 Tube Ass	-
2/27/2008	WONo. 00535 V-Belt	Date Received: 2/27/2008 Date Assigned: 2/27/2008 Date Completed: 2/27/2008 Action: 583 Hours Replaced the V-Belt and added 1 gal of 10w to the Hydraulic tank. (Mike D)	-
2/26/2008	V-Belt	583 Hours Replaced the V-Belt and added 1 gal of 10w to the Hydraulic tank. (Mike D)	
12/30/2007	Standard Service	509 Hours---Performed a standard service, changed engine oil and filter, fuel and outer air filter. The rest of the fluid levels are where they are supposed to be. All the belts and hoses are in good shape there is a tube line under the cab that is leaking ordered the tube for next time. Checked lights, horn and seat belt. Finished the checklist, and return to service. (Kevin)	
12/31/2007	WONo. 00537 Standard Service	Date Received: 12/31/2007 Date Assigned: Date Completed: 1/1/2008 Action: 509 Hours--- Performed a standard service, changed engine oil and filter, fuel and outer air filter. The rest of the fluid levels are where they are supposed to be. All the belts and hoses are in good shape there is a tube line under the cab that is leaking ordered the tube for next time. Checked lights, horn and seat belt. Finished the checklist, and return to service. (Kevin)	-
6/27/2007	Standar service/ Installed the noise suppresion kit	205 Hrs.-----Machine was due for its first standard service,changed engine oil and filter,fuel and outer air filter. Checked all othe rfluid levels and they were fine. Checked all belts and hoses. Checked lights,horn and seat belt. The cutting edge of the bucket was bent but we did not have enough time to straighten it. Checked out the a/c and it was coolingh fine.The rear door had a dent from being backed into so we knocked it back out and repainted that portion of the door.Finished the checklist,fueled and return to service.(Jim O)	-