

User: Gambrell, Robert C.

Created Date: Nov 17, 2025

Serial Number: J1S01945

Product Family: MEDIUM WHEEL LOADER

Model: 950M

SMU / Hours:

Year: 2019

SERVICE HISTORY (400 Records)

Invoice Date	Invoice Type	SMU / Hours	Description	Notes
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Mar 14, 2025	Service	18,999	Travel To/from Machine	
Mar 14, 2025	Service	18,999	Troubleshoot Hydraulic System	
Mar 14, 2025	Service	18,999	Remove & Install Hydraulic Oil Cooler	
Mar 14, 2025	Service	18,999	Inspect Hydraulic System Tools	
Mar 14, 2025	Service	18,999	Troubleshoot Light(s)	
Mar 14, 2025	Service	19,041	Travel To/from Machine	
Mar 14, 2025	Service	19,041	Troubleshoot Hydraulic System	
Feb 27, 2025	Service	17,624	Repair Bucket	
Feb 27, 2025	Service	17,624	Transport Bucket	
Feb 26, 2025	Service	18,934	Troubleshoot Transmission	
Feb 14, 2025	Service	18,866	Travel To/from Machine	
Feb 14, 2025	Service	18,866	Inspect Hydraulic System	

Feb 14, 2025	Service	18,866	Replace Transmission Lines/hoses	
Feb 07, 2025	Service	18,854	Travel To/from Machine	
Feb 07, 2025	Service	18,854	Perform 2000 Service Hour Mainten	
Feb 05, 2025	Service	18,831	Remove & Install Diesel Exhaust Fluid Mani	E1364 - machine does have psp for replacing def
Feb 05, 2025	Service	18,831	Troubleshoot Clean Emissions Module	E1364 - machine does have psp for replacing def
Feb 05, 2025	Service	18,831	Travel To/from Machine	E1364 - machine does have psp for replacing def
Jan 23, 2025	Service	17,624	Travel To/from Machine	High temp alarm code
Jan 23, 2025	Service	17,624	Replace Brake Accumulator	High temp alarm code
Jan 23, 2025	Service	17,624	Repair Product Link System	High temp alarm code
Jan 23, 2025	Service	17,624	Replace Piston Pump	High temp alarm code
Jan 23, 2025	Service	17,624	Troubleshoot Hydraulic System	High temp alarm code
Dec 31, 2024	Service	17,624	Travel To/from Machine	Check batteries and alternator.
Dec 31, 2024	Service	17,624	Inspect Transmission	Check batteries and alternator.
Dec 31, 2024	Service	17,624	Troubleshoot Starting System	Check batteries and alternator.
Dec 20, 2024	Service	17,624	Travel To/from Machine	

Dec 20, 2024	Service	17,624	Troubleshoot Transmission
Dec 11, 2024	Service	17,624	Troubleshoot Electronics
Dec 11, 2024	Service	17,624	Remove, Reseal, Install Cylinder Groups
Dec 11, 2024	Service	17,624	Troubleshoot Hydraulic System
Dec 11, 2024	Service	17,624	Travel To/from Machine
Dec 09, 2024	Parts		
Nov 20, 2024	Service	17,624	Travel To/from Machine
Nov 20, 2024	Service	17,624	Inspect Bucket
Oct 18, 2024	Service	17,624	Repair Grease Lines
Oct 10, 2024	Service	17,624	Travel To/from Machine
Oct 10, 2024	Service	17,624	Troubleshoot Light(s)
Oct 10, 2024	Service	17,624	Remove & Install Light(s)
Sep 26, 2024	Service	17,624	Troubleshoot Product Link System
Sep 26, 2024	Service	17,624	Travel To/from Machine
Sep 26, 2024	Service	17,624	Troubleshoot Clean Emissions Module

Aug 22, 2024	Service	17,624	Labor Exceeding Trg Machine
Aug 22, 2024	Service	17,624	Troubleshoot Back-up Alarm
Aug 22, 2024	Service	17,624	Labor Exceeding Trg Machine
Aug 22, 2024	Service	17,624	Remove & Install Back-up Alarm
Aug 22, 2024	Service	17,624	Troubleshoot Warning Horn
Aug 22, 2024	Service	17,624	Travel To/from Machine
Aug 22, 2024	Service	17,624	Troubleshoot Hydraulic Oil Cooler
Aug 22, 2024	Service	17,624	Troubleshoot Stoplight/taillight
Aug 22, 2024	Service	17,624	Troubleshoot Air Conditioner
Aug 22, 2024	Service	17,624	Remove & Install Fender
Aug 22, 2024	Service	17,624	Remove & Install Tc/trans Oil Cooler
Aug 22, 2024	Service	17,624	Remove & Install Stoplight/taillight
Aug 22, 2024	Service	17,624	Troubleshoot Air Conditioner
Aug 22, 2024	Service	17,624	Evacuate& Charge Air Conditioner

Aug 22, 2024	Service	17,624	Travel To/from Machine	
Jul 12, 2024	Service	17,624	Repair Coolant Hose/lines	Bucket tilt cylinder is leaking from the wiper
Jul 12, 2024	Service	17,624	Travel To/from Machine	Bucket tilt cylinder is leaking from the wiper
Jul 12, 2024	Service	17,624	Inspect Grease Lines	Bucket tilt cylinder is leaking from the wiper
Jul 12, 2024	Service	17,624	Inspect Bucket Cylinder	Bucket tilt cylinder is leaking from the wiper
Jul 03, 2024	Service	17,624	Travel To/from Machine	
Jul 03, 2024	Service	17,624	Troubleshoot Hydraulic System	
Jun 24, 2024	Service	17,584	Weld/line Bore Tilt Link	Complaint : worn hole Cause : no grease Resultant damage : damaged pin/ pin hole Correction : removed the tilt linkage from Machine. set up line boring machine on tilt Linkage. did several cuts on the holes to true the Size up before welding. ran three sets of welds Around the holes. let piece cool off and cut the Holes to correct size. broke down line boring Machine. cleaned up edge of holes with grinder. Repainted the tilt linkage. installed new grease Fitting on piece
Jun 24, 2024	Service	17,584	Transport Machine	Haul
Jun 24, 2024	Service	17,584	Remove & Install Lift Arm	Complaint :loose pin Cause : no grease Resultant damage : bad pins/holes Correction : removed the lift arms so i could work On the pin the tilt cylinder. cleaned out the pin Holes so they would accept grease. reinstalled Lift arms when i was done working on the tilt Cylinder pin and the tilt link. tried pulling pin With threaded rod and ram but just pulled the Treads out of pin. used a oxy lance torch to blow Thru pin in tilt cylinder. installed new pin and Cylinder bushing in machine.
Jun 24, 2024	Service	17,584	Inspect Battery	Complaint : customer stated the battery Compartment had a sulfur smell coming from it. Cause : n/a Resultant damage : n/a Correction : supervisor on site was mistaken about Which machine had the smell. i removed panel and Inspected the batteries on the machine. no issues Found. moved on to other repairs. notified Customer of my findings.

Jun 24, 2024	Service	17,584	Remove & Install Tilt Link	Complaint : loose pin in hole Cause : no grease Resultant damage : damage pin Correction : removed the quick connect from the Lift arms. removed the tilt linkage from machine. Placed on table to line bore the hole. After boring the hole the tilt linkage was Reinstalled on machine with new pins and bushing.
Jun 24, 2024	Service	17,584	Inspect & Maintain Grease Lines	Complaint : squeaks from machine boom pins. Cause : lack of proper greasing during dailt Operations. Resultant damage : squeaks in pins. Correction : customer stated the machine was Squeaking during opperation. machine had recently Been line bored and tilt likage and cylinder Repaired. after inspecting the machine i found the Squeak to be mainly coming from the upper rh boom Arm pin. i proceeded to attempt to use the grease Manifold located on the lh sife of the center Section to grease the pins. due to lines being Remove from system and not capped properly, grease Was not making it to proper locations. removed Lower boom cylinger grease lines and installed two Grease zerk. began by greasing boome cylinder Pins, and boom arm pins. worked machine boom up And down. had operator work boom up and down while Applying pressure with grease gun. after copious Amounts of grease the boom arm pin squeak was Greatly reduced. notified customer to apply Sufficient amount of grease during pm's and to Update if the squeak persisted.
May 22, 2024	Service	17,502	Troubleshoot Diesel Exhaust Fluid	
May 22, 2024	Service	17,502	Perform Product Update On Engine	
May 22, 2024	Service	17,502	Travel To/from Machine	
May 22, 2024	Service	17,502	Repair Clean Emissions Module	
May 22, 2024	Service	17,502	Travel To/from Machine	
May 22, 2024	Service	17,502	Troubleshoot Clean Emissions Module	
May 22, 2024	Service	17,584	Travel To/from Machine	
May 22, 2024	Service	17,584	Inspect Loader Frame	

May 14, 2024	Service	17,624	Travel To/from Machine	
May 14, 2024	Service	17,624	Perform 1000 Service Hour Mainten	Pulled samples from all fluid compartments Anti-freeze tested -30 degrees Inspection notes:
May 06, 2024	Service	17,435	Travel To/from Machine	
May 06, 2024	Service	17,435	Troubleshoot Clean Emissions Module	
May 06, 2024	Service	17,435	Troubleshoot Seat Suspension Pump	
Apr 30, 2024	Service	17,403	Labor Exceeding Trg Repair Equipment	
Apr 30, 2024	Service	17,403	Travel To/from Machine	
Apr 30, 2024	Service	17,403	Troubleshoot Air Conditioner	
Apr 30, 2024	Service	17,403	Labor Exceeding Trg Repair Equipment	
Apr 17, 2024	Service	17,329	Labor Exceeding Trg Repair Equipment	
Apr 17, 2024	Service	17,329	Replace Dr Train Oil Filter	
Apr 17, 2024	Service	17,329	Labor Exceeding Trg Repair Equipment	
Apr 17, 2024	Service	17,329	Travel To/from Machine	
Apr 17, 2024	Service	17,329	Drain / Refill Transmission Oil	

Feb 14, 2024	Service	17,112	Travel To/from Machine	
Feb 14, 2024	Service	17,112	Perform 500 Service Hour Maintena	
Jan 17, 2024	Service	16,913	Travel To/from Machine	
Jan 17, 2024	Service	16,913	Repair Hydraulic System	
Dec 04, 2023	Service	16,487	Troubleshoot Transmission	Complaint : machine wong go into gear and Occassionaly slams into gear Cause : na Resultant damage : na Correction : ran machine to verify issue. Could not get it to not go into gear. the machine Would slam going from forward to reverse and vice Versa. checked all the clutch pressures. the Clutch pressures would only reach spec for a few Seconds. checked the transmission oil filter. The filter looked like it was not seated properly And forced into the transmission. with the bark In the filter it was determined the modulating Valve needed to be checked. to get access to the Valve the cab had to be removed. notified the Customer. due to the plant being behind in Production and the machine still mobile they Declined to repair the machine at this time Machine wont go into gear Machine wont go into gear
Dec 04, 2023	Service	16,487	Travel To/from Machine	Franklin plant Carnesville Carnesville 3465 highway 198 Carnesville, ga 30521 Ga 252-813-8804 Machine wont go into gear
Dec 04, 2023	Service	16,487	Repair Transmission	No repair completed - parts returned Machine wont go into gear
Oct 04, 2023	Service	16,479	Additional Charges Do Not Use	Pump was ordered next day air. time spent waiting On ups delivery. during this time i prepped the Filter cart for machine and loaded all needed Supplies.
Oct 04, 2023	Service	16,479	Repair Braking System	Complaint : decision was made to use filter cart After fan/brake pump failure. Cause : fan/brake pump failure. Resultant damage : n/a Correction : after pump replacement i confirmed The machine was not leaking. machine needed to be Moved to a more suitable location for filter cart Use. prepped service truck to move, and moved Machine. after moving machine i connected the cart To the machine. used cart on machine for @ 1 Hour. will resample after some operation time.

Oct 04, 2023	Service	16,479	Remove & Install Hydraulic Fan Pump	Complaint : removal and installation of fan pump. Cause : fan pump failure. Resultant damage : loss of machine function. Correction : removed and installed fan pump. Multiple lines and hoses needed to be removed to Remove pump from front cover. after arrival of new Pump, swapped needed fittings to new pump. Installed in reverse order. confirmed no leaks After installation. replaced in-tank and system Hydraulic filters.
Oct 04, 2023	Service	16,479	Troubleshoot Braking System	Complaint : customer stated the machine lost Function of the bucket, brakes and was inoperable. Brake accumulator low pressure code. Cause : fan pump failure. Resultant damage : machine inoperable. Correction : arrived at machine downloaded Pre-psr. noted logged and active codes. began Troubleshooting the machine. cranked machine and Observed the brake charging pressures. basically No pressure being made. tilted hood to inspect the Fan. the fan was not turning with engine running. Connected to the fan pump discharge pressure tap And no pressure was present. notified supervisor Of my findings. removed pump to disassemble and Inspect pump internals. found brass particles Inside of the pump. pump replacement needed. Notified customer and supervisor.
Oct 04, 2023	Service	16,479	Calibrate Hydraulic Fan Motor	Complaint : fan pump replacement, fan speed Calibration needed. Cause : n/a Resultant damage : n/a Correction : after replacing fan pump, cranked and Completed a fan speed calibration. installed Timing tape to fan blade, and set fan speed with E.t.
Oct 04, 2023	Service	16,479	Repair Hydraulic Hoses/lines	Complaint : hydraulic hose leak in location not Associated with fan pump replacement. Cause : loose fitting. Resultant damage : loss of hydraulic oil. Correction : after fan pump replacement procedure I operated the machine to confirme proper Operation. i noticed a oil trail on the ground. After inspection, i found a loose hydraulic hose On the right hand side of the machine under the Platform. i removed the fitting to inspect the O-ring seal. seal was intact and not cut. i made The decision to replace it anyway. reinstalled Hose, and checked for leak. no leak present.
Oct 04, 2023	Service	16,479	Travel To/from Machine	Franklin plant Carnesville Carnesville 3465 highway 198 Carnesville, ga 30521 Ga 252-813-8804
Oct 03, 2023	Service	16,487	Transport Machine	Transport machine
Sep 29, 2023	Service	16,474	Labor Exceeding Trg Repair Equipment	Complaint : think big training

Sep 29, 2023	Service	16,474	Repair For Warranty Radiator	Complaint : Cause : Resultant damage : Correction :
Sep 29, 2023	Service	16,474	Perform 2000 Service Hour Mainten	Complaint : 2000 hour service Cause : na Resultant damage :na Correction : performed a 2000 hour service. Changed the oil in the axles and replaced with New. changed the oil the transmission and replaced Filter. reilled with new oil. hydraulic tank had To be drained to removed engine so filter was Changed and refilled with new fluid when engine Swap was done. replace the fuel top filter and the Hydraulic tank breather filter.
Sep 29, 2023	Service	16,474	Repair Clean Emissions Module	Complaint : soot monitor codes/nox sensor codes Correction: removed bracketry for monitor and top Of firewall. removed remaining clips for coaxial Leads. installed new monitor and routed coax along Cem and firewall. installed new clamps to isolate Wiring. installed removed components ran machine Through aftertreatment functional test and manual Regen. Used a new piece of wire to run from ecm to Engine out nox sensor signal pin. installed Brackets and clips back onto wiring harness. ran Machine through automated nox sensor test and Another functional test.
Sep 29, 2023	Service	16,474	Clean Dpf (diesel Part Filter)	Complaint : clean dpf Cause : Resultant damage : Correction : sent dpf out to have cleaned by an Outside source
Sep 29, 2023	Service	16,474	Additional Charges Use Comp Code 756p	Additional parts needed
Sep 29, 2023	Service	16,474	Test After Repair Machine	Complaint : run and test machine after repair. Cause : install new engine Resultant damage : n/a Correction : ran machine to test engine and Perform fi-nal inspection on machine. wash machine Off
Sep 29, 2023	Service	16,474	Repair For Warranty Radiator	Complaint : Cause : Resultant damage : Correction :
Sep 29, 2023	Service	16,474	Troubleshoot Boom Cylinder	Complaint : hose leaking Cause : rubber coating tore Resultant damage : leaking hose Correction : during testing the machineit was Found that a hose was leaking on the right lift Boom cylinder. order the hose and fitting then Replaced the hose. new seals were installed with Hose. oprated machine to ensure no leaks
Sep 29, 2023	Service	16,474	Clean, Flush, Test Radiator	Complaint : clean, flush test core Cause : installing new engine Resultant damage : after cooler cracked Correction : sent core out to have cleaned and Tested. core would not hold pressure. ordered a New core and installed new radiator and after Cooler

Sep 29, 2023	Service	16,474	Repair Air Conditioner	Complaint : ac not blowing out of vents Cause : blower motor not working Resultant damage :not blowing Correction : had to remove the interior panels fro The gauge cluster all the way around the right Side of the cab to get to the blower motor. the Seat had to be removed from the cab. blower motor Was locked up. replaced with motor. tested new Motor before reinstalling all the panels and the Seat.
Sep 29, 2023	Service	16,474	Replace With New Decelerator/accelerator	Complaint : throttle pedal not responding properly Cause : pivot point on pedakl worn Resultant damage : engine not going to full Throttle Correction : clean floor board out remove Throttle pedal install new pedal and calibrate .
Sep 29, 2023	Service	16,474	Clean& Inspect Machine	Machine was washed before brought into the shop to Remove engine to remove bark and dirt from engine Bay. After engine was replaced and the machine was ran To ensure no leaks the machine was washed again to Remove any oil and fluids that come from old Engine during removal. the cab and windows were Cleaned and seat cover/ floor mats were installed.
Sep 29, 2023	Service	16,474	Labor Exceeding Trg Repair Equipment	Complaint : think big training
Sep 29, 2023	Service	16,474	Troubleshoot Clean Emissions Module	Complaint: after putting run time on machine and Monitoring engine found that the soot monitor was Delivering erratic data. % went up and down in a Matter of seconds and through fault twice. Cause: soot monitor faulty Correction: removed all clamps from coax cables And inspected for rubbed spots grounding cables. Removed antennas from cem to make sure the element Hasn't shifted and bent the antennas. installed Antenuator between both legs of the monitor and Ran diagnostic test to check the functionality of The soot monitor. monitor was found to be faulty. Ordered monitor. Once repair was made and additional run Time was put on machine the engine out nox sensor Was throwing a diag code. checked wiring with Multimeter and found that the signal wire had an Open circuit. pin point checked harness and found Broken wire. repaired broken wire and made sure Code was inactive.
Sep 29, 2023	Service	16,474	Replace Hydraulic Fan Motor	Complaint : fan not calibrating correct Cause : bad motor Resultant damage : n/a Correction : cooling package was installed after New engine. fan needed to be calibrated. wouldnt Pass calibration test. after trouble shooting it Was determined that the fan motor was weak. Cooling package had to be removed and disassembled To replace the motor. the cooling package had to Be split in half. fan had to removed the shaft and The fan pulley had to be pulled. once apart the Motor was replaced. the cooling package was Reassembled. the cooling package was reinstalred Then the fan was calibrated correct.

Sep 29, 2023	Service	16,474	Remove & Install Engine	Complaint : water in the oil Cause : blown motor Resultant damage : engine failure Correction : machine was brought to the shop cause Of coolant in the oil. a new engine was purchased And installed in machine. To remove the engine the cooling package had to be Removed from machine. all coolant had to be Drained from cooling package. while cooling Package was removed a new radiator and a after Cooler was installed. a new fan motor was also Installed due to the fan not calibrating correct. The after treatment system had to removed also From the top of the engine. the mounting bracket For the after treatment had to be removed. the Hydraulic tank had to drained and removed.the air Box was removed. the wiring harness to be removed From around the motor. the fire suppression had to Be removed from engine bay. engine was removed Once everything was removed. brand new engine with New components was installed. the bracket for the After treatment was reinstalled. the air box and Hydraulic take was reinstalled. the cooling Package was reinstalled and refilled with new Coolant. the motor was filled to the refill Capacity per sis.
Jul 20, 2023	Service	16,457	Troubleshoot Turbocharger	Complaint : customer stated they believe the Machine had blown a turbocharger. Cause : turbocharger failure. Resultant damage : machine down, machine Inoperable. Correction : arrived at machine downloaded Pre-psr. talked with customer to understand what Occurred. removed intake and charge piping from Turbocharger system. found the high pressure Turbocharger to have failed. possible oil in the Charge air cooler. tech will need to ensure no oil Has puddled in the cooler.
Jul 20, 2023	Service	16,457	Remove & Install Turbocharger	Complaint : high pressure turbocharger failure. Cause : bearing center section failure. Resultant damage : loss of boost pressure, oil Flow into intake piping, poor performance. Correction : removed turbocharger from manifold, And all associated piping. after removal i Inspected the charge air piping for oil. found oil In the aftercooler. oil did not enter intake of Engine. cleaned piping, and completed install of Turbocharger. checked oil level, level was within Spec. cranked and ran machine briefly to check for Correct oil pressure, or any exhaust or oil Leaks. i did not connect the charge pipe to the Intake of the machine to confirm no oil was still In system. found no leaks, oil pressure was Within spec for idle. connected charge pipe. Cranked and allowed machine to run to observe Machine while cleaning up tools. air filters Differential code became active notified customer That air filters needed servicing, they stated That they would handle that. returned machine to Service.
Jul 20, 2023	Service	16,457	Travel To/from Machine	Franklin plant Carnesville Carnesville 3465 highway 198 Carnesville, ga 30521 Ga 252-813-8804

Jul 20, 2023	Service	16,457	Troubleshoot Engine Oil Pump	Complaint : customer notified me over the weekend That the machine had an active engine oil pressure Code. Cause : suspect coolant to have mixed with engine Oil causing the oil to sludge. Resultant damage : machine inoperable. possible Engine replacement necessary. Correction : arrived at machine downloaded Pre-psr. customer had stated they allowed the Machine to sit and the oil level was correct, but Shut the machine down for the code. attempted to Take sample from sos port of machine, oil was Extremely thick. shut machine down immediately and Noted oil pressure in cat e.t. oil pressure only Maxed to 14 psi. checked oil level, found the oil To be noticeably thicker than the previous week And oil level well overfull. removed oil filter And found the oil to be almost a paste. checked Coolant level and found the res. to be completely Empty. notified customer of my findings. talked With customer of different avenues for repairing The machine. took sample of oil for lab test, and For the customer as well. due to hours on machine And current issues, i recommend a reman engine for Repair. notified supervisor and pssr. asked Customer to lock and tag machine out. returned to Shop filled out sample paperwork and marked Package expedited for lab.
Jul 20, 2023	Service	16,457	Clean& Inspect Aftercooler	Complaint : oil intrusion from turbocharger Failure. Cause : oil pumped into air intake piping. Resultant damage : oil in the charge air piping And aftercooler. Correction : removed needed piping from machine For cleaning. used starting fluid and compressed Air to removed as much oil as possible from the Intake tract.
Jun 30, 2023	Service	16,404	Troubleshoot Axle	Complaint :axle fault Cause :bad harness Resultant damage :n/a Correction :arrived at the machine and examined The codes, i checked the wiring for the temp Sensor on the axle and the wiring checked out Fine, i ordered a sensor and installed it, the Code went away but came back at a later time, After more trouble shooting i found the haress was Bad but only not performing correctly sometimes, I installed a new harness and everything is good At this time.
Jun 30, 2023	Service	16,404	Troubleshoot Clean Emissions Module	Complaint : codes for filter restrictions Cause : stopped up filters Resultant damage :n/a Correction :arrived at the machine and looked at The codes after the customer said it was derated, I found that the inline fuel filter was stopped up And the air filters were also stopped up, i Installed new fuel filters and blew the air Filters out the best i could, this solved the low Power issue.
Jun 30, 2023	Service	16,404	Travel To/from Machine	Franklin plant Carnesville Carnesville 3465 highway 198 Carnesville, ga 30521 Ga 252-813-8804

Jun 30, 2023	Service	16,404	Troubleshoot Fuel System	Complaint :fuel system fault Cause :bad fuel water sensor Resultant damage :n/a Correction :i arrived at the machine and began to Troubleshoot the fuel water sensor code i Laid a overlay harness and the problem was still Occuring so i then installed a new sensor and this Corrected the problem.
Jun 19, 2023	Service	16,139	Travel To/from Machine	Franklin plant Carnesville Carnesville 3465 highway 198 Carnesville, ga 30521 Ga 252-813-8804
Jun 19, 2023	Service	16,139	Repair Steering System	Complaint :needs stering valve rebuilt Cause :n/a Resultant damage :n/a Correction :arrived at the machine and removed the Sterring control bank, took it to the shop and Rebuilt it arrived back on the job site and Installed it, set all pressures on the control Bank and everything is good at this time.
Jun 19, 2023	Service	16,139	Troubleshoot Steering System	Complaint :hydraulics overheating Cause :steering pump staying stroked Resultant damage : Correction :verrified hydraulic temp issues. found That steering metering valve was causing steering Pump to constantly stay stroked. verrified by Removing load sense line frome metering valve and Pump was no longer stroked and pressure spike no Longer present. replaced metering valve. issue Improved but steering valve seemed to be hanging. Recomend removal and rebuild of steering valve.
May 31, 2023	Service	15,577	Perform 3000 Service Hour Mainten	Perform pm 3000 due immediate (15011) hour(s) Usage rate per day: 12.25 Target date: feb/07/2023 On 2/21/23 i started working on the 950 and Shortly after, the d6 went down and they needed The 950 back to feed the plant 4/13/23 Perform 3000 hour pm service Changed all filters Changed all fluids Inspected machine Greased all service points Pulled sos samples from all fluid compartments Anti-freeze tested -30 degrees Inspection notes:
May 31, 2023	Service	15,577	Travel To/from Machine	3465 highway 198
May 17, 2023	Service	15,871	Troubleshoot Air Conditioner	Complaint :ac not cold Cause :low refrigerant Resultant damage :ac not cold Correction :top off ac with 2lbs of r134a. test Ok. scott said to just go ahead and charge it to See if it will hold and if necessary he will get Us back out to find the leak.
Apr 19, 2023	Service	15,495	Remove & Install Turbocharger	Complaint : failed wastegate reuglator. Cause : leaking diaphragm in regulator. Resultant damage : active intake pressure codes. Correction : removed and installed new wastegate Regulator per sis instructions. after installation I stalled machine to observe turbocharger boost Pressures. boost was @20-21 psi. codes did not Become active. closed hood and returned machine to Service.

Apr 19, 2023	Service	15,495	Travel To/from Machine	Franklin plant Carnesville Carnesville 3465 highway 198 Carnesville, ga 30521 Ga 252-813-8804
Apr 19, 2023	Service	15,495	Troubleshoot Turbocharger	Complaint : customer stated the machine had codes For high intake manifold pressure. Cause : turbocharger wastegate regulator failure. Resultant damage : turbocharger wastegate not Functioning properly. Correction : arrived at machine downloaded Pre-psr. stalled machine while running to observe The boost pressure. opened the hood of the machine To gain access to the intake tubing to inspect The turbocharger. found no issues with piping or The regulator shaft attachment point to the Wastegate. removed the tubing to the wastegate Regulator and applied compressed air to the Diaphragm and found the regulator not extending Fully and leaking air from shaft area. began Process of removing the regulator.
Apr 11, 2023	Service	15,452	Travel To/from Machine	Franklin plant
Apr 11, 2023	Service	15,452	Troubleshoot Air Conditioner	Complaint : customer stated the a/c was not Cooling correctly. Cause : a/c charge low. Resultant damage : a/c system not able cool Correctly. Correction : arrived at machine downloaded Pre-psr. replaced both cabin air filters. Connected pressure guages to the machine, Observed pressures. found the refrigerant charge To be low. notified customer. due to the current Need of the machine the customer wanted to top the Charge off and return the machine to service. Filled the machine with @.7 kg of refigerant. a/c System was cooling very well and pressures were Within spec for conditions. returne machine to Service. asked customer to update on performance.
Feb 10, 2023	Service	13,556	Travel To/from Machine	Travel
Feb 10, 2023	Service	13,556	Perform 500 Service Hour Maintena	Perform pm2 due immediate (13526) hour(s) Usage rate per day: 9.55 Target date: oct/09/2022 Performed 500 hour pm service Changed engine oil Changed all fuel filters Inspected belts Greased all service points Replaced outer engine air filter Pulled oil samples from all fluid compartments Anti-freeze tested - 34 degrees Inspection notes:sae-5gallons
Jan 31, 2023	Parts			

Jan 31, 2023	Service	14,739	Perform 2000 Service Hour Mainten	Perform pm4 due immediate (14584) hour(s) Usage rate per day: 11.96 Target date: nov/22/2022 Perform 2000 hour pm service Changed all filters Changed all fluids Inspected machine Greased all service points Pulled sos samples from all fluid compartments Anti-freeze tested -30 degrees Inspection notes:
Jan 30, 2023	Service	14,880	Travel To/from Machine	Franklin plant Carnesville Carnesville 3465 highway 198 Carnesville, ga 30521 Ga 252-813-8804
Jan 30, 2023	Service	14,880	Repair Drive Shaft	Complaint :squealing noise when traveling Cause : u joint failure Resultant damage : u joint failing and squealing Correction : found middle spider u joint in front Driveshaft worn out from lack of grease. removed Driveshaft and replaced middle joint. reinstalled Shaft and greased joint and returned machine to Service.
Jan 19, 2023	Service	14,499	Travel To/from Machine	
Jan 19, 2023	Service	14,499	Troubleshoot Machine	
Dec 29, 2022	Service	14,202	Troubleshoot Hydraulic System	
Dec 29, 2022	Service	14,202	Travel To/from .	
Dec 29, 2022	Service	14,202	Replace Check Valve	
Dec 29, 2022	Service	14,202	Repair Hydraulic Hoses/lines	
Dec 22, 2022	Service	14,402	Troubleshoot Fuel System	
Dec 22, 2022	Service	14,402	Remove & Install Secondary Fuel Filter	
Dec 22, 2022	Service	14,402	Travel To/from Machine	
Nov 21, 2022	Service	13,712	Remove & Install Brake Position Sensor	

Nov 21, 2022	Service	13,712	Travel To/from Machine
Nov 21, 2022	Service	13,712	Troubleshoot Parking Brake Control
Nov 21, 2022	Service	13,712	Remove & Install Parking Brake Control
Nov 21, 2022	Service	13,712	Troubleshoot Machine
Oct 06, 2022	Service	13,381	Labor Exceeding Trg Repair Equipment
Oct 06, 2022	Service	13,381	Repair Bucket Linkage
Oct 06, 2022	Service	13,381	Ream/bore/drill Bucket Linkage
Oct 06, 2022	Service	13,381	Labor Exceeding Trg Repair Equipment
Oct 06, 2022	Service	13,381	Transport Machine
Sep 06, 2022	Service	13,003	Perform 1000 Service Hour Mainten
Sep 06, 2022	Service	13,003	Travel To/from Machine
Sep 06, 2022	Service	13,003	Travel To/from Machine
Sep 06, 2022	Service	13,003	Perform 1000 Service Hour Mainten
Aug 12, 2022	Service	13,160	Repair Air Conditioner
Aug 01, 2022	Service	12,801	Troubleshoot Machine

Aug 01, 2022	Service	12,801	Repair Air Conditioner
Aug 01, 2022	Service	12,801	Travel To/from Machine
Jun 22, 2022	Service	12,379	Travel To/from Machine
Jun 22, 2022	Service	12,379	Repair Wiring Harness
Jun 22, 2022	Service	12,379	Invalid: Use Jobcode 035 Charging System
Jun 03, 2022	Service	12,250	Travel To/from Machine
Jun 03, 2022	Service	12,250	Perform 500 Service Hour Maintena
Jun 03, 2022	Service	12,250	Travel To/from Machine
Jun 03, 2022	Service	12,250	Perform 500 Service Hour Maintena
Jun 03, 2022	Service	12,050	Remove & Install Diesel Exhaust Fluid Mani
Jun 03, 2022	Service	12,050	Travel To/from Machine
Jun 03, 2022	Service	12,050	Troubleshoot Clean Emissions Module
Jun 03, 2022	Service	12,300	Travel To/from Machine
Jun 03, 2022	Service	12,300	Invalid: Use Jobcode 035 Clean Emissions Module

Feb 25, 2022	Service	11,573	Travel To/from Machine	Down due to low & high fuel rail pressure codes
Feb 25, 2022	Service	11,573	Troubleshoot Fuel Rail	Down due to low & high fuel rail pressure codes
Feb 10, 2022	Service	10,627	Replace With New Exhaust Back Pressure Val	
Feb 10, 2022	Service	10,627	Travel To/from Machine	
Feb 10, 2022	Service	10,627	Troubleshoot Clean Emissions Module	
Jan 27, 2022	Service	11,111	Travel To/from Machine	
Jan 27, 2022	Service	11,111	Perform 500 Service Hour Maintena	GREASED ALL SERVICE POINTS REPLACED OUTER ENGINE AIR FILTER PULLED OIL SAMPLES FROM ALL FLUID COMPARTMENTS ANTI-FREEZE TESTED - DEGREES INSPECTION NOTES:
Jan 27, 2022	Service	11,111	Travel To/from Machine	
Jan 27, 2022	Service	11,111	Perform 500 Service Hour Maintena	GREASED ALL SERVICE POINTS REPLACED OUTER ENGINE AIR FILTER PULLED OIL SAMPLES FROM ALL FLUID COMPARTMENTS ANTI-FREEZE TESTED - DEGREES INSPECTION NOTES:
Jan 12, 2022	Service	10,843	Travel To/from Machine	
Jan 12, 2022	Service	10,843	Perform 500 Service Hour Maintena	
Jan 12, 2022	Service	10,843	Perform 500 Service Hour Maintena	
Jan 12, 2022	Service	10,843	Travel To/from Machine	
Jan 05, 2022	Service	10,839	Travel To/from Machine	Derate mode due to e1309 fault code

Jan 05, 2022	Service	10,839	Troubleshoot Clean Emissions Module	RESULTS, TEST RESULTS, AND BEFORE/ AFTER PSR TO MEDIA FILE. CLEANED UP TOOLING. REPAIR COMPLETE. Derate mode due to e1309 fault code
Jan 05, 2022	Service	10,839	Replace Floodlight	Derate mode due to e1309 fault code
Jan 05, 2022	Service	10,839	Replace Invalid - Use 5056 Mod-z2	Derate mode due to e1309 fault code
Dec 30, 2021	Service	9,853	Invalid: Use Jobcode 035 Lift & Tilt Pos Kout Sol	
Dec 30, 2021	Service	9,853	Invalid - Use Jobcode 035 Warning/indicator Light	
Dec 30, 2021	Service	9,853	Travel To/from Machine	
Dec 20, 2021	Service	10,404	Perform 1000 Service Hour Mainten	
Dec 20, 2021	Service	10,404	Travel To/from Machine	
Dec 20, 2021	Service	10,404	Travel To/from Machine	
Dec 20, 2021	Service	10,404	Perform 1000 Service Hour Mainten	
Nov 23, 2021	Parts			
Nov 08, 2021	Parts			
Nov 08, 2021	Service	9,888	Travel To/from Machine	
Nov 08, 2021	Service	9,888	Perform 500 Service Hour Maintena	REPLACED OUTER ENGINE AIR FILTER PULLED OIL SAMPLES FROM ALL FLUID COMPARTMENTS ANTI-FREEZE TESTED - DEGREES INSPECTION NOTES:
Nov 08, 2021	Service	9,888	Perform 500 Service Hour Maintena	REPLACED OUTER ENGINE AIR FILTER PULLED OIL SAMPLES FROM ALL FLUID COMPARTMENTS ANTI-FREEZE TESTED - DEGREES INSPECTION NOTES:

Nov 08, 2021	Service	9,888	Travel To/from Machine	
Nov 03, 2021	Parts			
Oct 27, 2021	Service	9,609	Travel To/from Machine	
Oct 27, 2021	Service	9,609	Do Not Use/ Use 035 Fuel System	
Oct 27, 2021	Service	9,609	Do Not Use/ Use 035 Do Not Use Comp Code	
Oct 25, 2021	Service	9,756	Do Not Use/ Use 035 Boost Pressure Sensor	
Oct 25, 2021	Service	9,756	Travel To/from Machine	
Oct 08, 2021	Service	9,609	Travel To/from Machine	
Oct 08, 2021	Service	9,609	Do Not Use/ Use 035 Clean Emissions Module	
Oct 01, 2021	Service	9,336	Travel To/from Machine	
Oct 01, 2021	Service	9,336	Perform 2000 Service Hour Mainten	GREASED ALL SERVICE POINTS PULLED SOS SAMPLES FROM ALL FLUID COMPARTMENTS ANTI-FREEZE TESTED - DEGREES INSPECTION NOTES:
Oct 01, 2021	Service	9,336	Perform 2000 Service Hour Mainten	GREASED ALL SERVICE POINTS PULLED SOS SAMPLES FROM ALL FLUID COMPARTMENTS ANTI-FREEZE TESTED - DEGREES INSPECTION NOTES:
Oct 01, 2021	Service	9,336	Travel To/from Machine	
Sep 27, 2021	Service	8,986	Invalid:usejob Code 053 Training Program	

Sep 27, 2021	Service	8,986	Do Not Use/ Use 035 Nox Reduction System Air	
Sep 27, 2021	Service	8,986	Travel To/from Machine	
Sep 27, 2021	Service	8,986	Invalid:usejob Code 053 Training Program	
Sep 03, 2021	Service	8,851	Perform 500 Service Hour Maintena	Only change if needed
Sep 03, 2021	Service	8,851	Travel To/from Machine	Only change if needed
Sep 03, 2021	Service	8,851	Travel To/from Machine	Only change if needed
Sep 03, 2021	Service	8,851	Replace Secondary Air Filter Elem	Only change if needed
Sep 03, 2021	Service	8,851	Perform 500 Service Hour Maintena	Only change if needed
Jul 29, 2021	Service	8,179	Perform Product Support Pgm (psp)	
Jul 29, 2021	Service	8,179	Travel To/from Machine	
Jul 29, 2021	Service	8,179	Travel To/from Machine	
Jul 29, 2021	Service	8,179	Perform Product Support Pgm (psp)	
Jul 16, 2021	Service	8,142	Perform 1000 Service Hour Mainten	
Jul 16, 2021	Service	8,142	Travel To/from Machine	

Jul 16, 2021	Service	8,142	Travel To/from Machine	
Jul 16, 2021	Service	8,142	Perform 1000 Service Hour Mainten	
Jun 18, 2021	Service	7,607	Travel To/from Machine	Only change if needed
Jun 18, 2021	Service	7,607	Perform 500 Service Hour Maintena	Only change if needed
Jun 18, 2021	Service	7,607	Replace Secondary Air Filter Elem	Only change if needed
Jun 18, 2021	Service	7,607	Perform 500 Service Hour Maintena	Only change if needed
Jun 18, 2021	Service	7,607	Travel To/from Machine	Only change if needed
Jun 17, 2021	Service	7,698	Do Not Use/ Use 035 Attachment	
Jun 17, 2021	Service	7,698	Travel To/from Machine	
Apr 30, 2021	Service	7,026	Perform 6000 Service Hour Mainten	Change hyd oil
Apr 30, 2021	Service	7,026	Travel To/from Machine	Change hyd oil
Apr 30, 2021	Service	7,026	Travel To/from Machine	Change hyd oil
Apr 30, 2021	Service	7,026	Perform 6000 Service Hour Mainten	Change hyd oil
Apr 08, 2021	Parts			
Mar 31, 2021	Service	6,580	Travel To/from Machine	

Mar 31, 2021	Service	6,580	Replace Secondary Air Filter Elem
Mar 31, 2021	Service	6,580	Perform 500 Service Hour Maintena
Mar 31, 2021	Service	6,580	Replace Secondary Air Filter Elem
Mar 31, 2021	Service	6,580	Perform 500 Service Hour Maintena
Mar 31, 2021	Service	6,580	Travel To/from Machine
Feb 26, 2021	Service	6,146	Travel To/from Machine
Feb 26, 2021	Service	6,146	Do Not Use/ Use 035 Floodlight
Feb 26, 2021	Service	6,146	Travel To/from Machine
Feb 26, 2021	Service	6,146	Do Not Use/ Use 035 Quick Coupler
Feb 17, 2021	Service	6,056	Travel To/from Machine
Feb 17, 2021	Service	6,056	Perform 1000 Service Hour Mainten
Feb 17, 2021	Service	6,056	Perform 1000 Service Hour Mainten
Feb 17, 2021	Service	6,056	Travel To/from Machine
Jan 21, 2021	Service	5,807	Do Not Use/ Use 035 Do No Use - Use 144a/1434

Jan 21, 2021	Service	5,807	Travel To/from Machine
Nov 23, 2020	Service	5,516	Travel To/from Machine
Nov 23, 2020	Service	5,516	Replace Secondary Air Filter Elem
Nov 23, 2020	Service	5,516	Perform 500 Service Hour Maintena
Nov 23, 2020	Service	5,516	Replace Secondary Air Filter Elem
Nov 23, 2020	Service	5,516	Perform 500 Service Hour Maintena
Nov 23, 2020	Service	5,516	Travel To/from Machine
Nov 07, 2020	Service	111	Repair Invalid:use Com Code 5057
Nov 07, 2020	Service	111	Repair Invalid:use Com Code 5057
Oct 30, 2020	Service	0	Do Not Use/ Use 035 Lift Arm Pin/bore
Oct 30, 2020	Service	0	Travel To/from Machine
Oct 12, 2020	Service	5,060	Travel To/from Machine
Oct 12, 2020	Service	5,060	Perform 1000 Service Hour Mainten
Oct 12, 2020	Service	5,060	Travel To/from Machine

Oct 12, 2020	Service	5,060	Perform 1000 Service Hour Mainten
Aug 25, 2020	Parts		
Aug 24, 2020	Service	3,997	Perform 2000 Service Hour Mainten
Aug 24, 2020	Service	3,997	Travel To/from Machine
Aug 24, 2020	Service	3,997	Travel To/from Machine
Aug 24, 2020	Service	3,997	Perform 2000 Service Hour Mainten
Aug 19, 2020	Service	4,349	Invalid - Use Jobcode 608 Invalid Use Other Warrant
Aug 19, 2020	Service	4,349	Repair Bucket Linkage
Aug 19, 2020	Service	4,349	Travel To/from Machine
Aug 19, 2020	Service	4,349	Travel To/from Machine
Aug 19, 2020	Service	4,349	Repair Bucket Linkage
Aug 19, 2020	Service	4,349	Invalid - Use Jobcode 608 Invalid Use Other Warrant
Aug 19, 2020	Service	4,349	Invalid - Use Jobcode 608 Invalid Use Other Warrant
Aug 19, 2020	Service	4,349	Repair Bucket Linkage
Aug 19, 2020	Service	4,349	Travel To/from Machine

Aug 19, 2020	Service	4,349	Travel To/from Machine
Aug 19, 2020	Service	4,349	Invalid - Use Jobcode 608 Invalid Use Other Warrant
Aug 19, 2020	Service	4,349	Repair Bucket Linkage
Aug 04, 2020	Service	4,349	Invalid - Use Jobcode 608 Invalid Use Other Warrant
Aug 04, 2020	Service	4,349	Repair Bucket Linkage
Aug 04, 2020	Service	4,349	Travel To/from Machine
Aug 04, 2020	Service	4,349	Travel To/from Machine
Aug 04, 2020	Service	4,349	Repair Bucket Linkage
Aug 04, 2020	Service	4,349	Invalid - Use Jobcode 608 Invalid Use Other Warrant
May 28, 2020	Service	3,486	Perform 500 Service Hour Maintena
May 28, 2020	Service	3,486	Travel To/from Machine
May 28, 2020	Service	3,486	Replace Secondary Air Filter Elem
May 28, 2020	Service	3,486	Replace Secondary Air Filter Elem
May 28, 2020	Service	3,486	Travel To/from Machine

May 28, 2020	Service	3,486	Perform 500 Service Hour Maintena
Apr 20, 2020	Parts		
Mar 06, 2020	Service	84,139	Perform 3000 Service Hour Mainten
Mar 06, 2020	Service	84,139	Travel To/from Machine
Mar 06, 2020	Service	84,139	Travel To/from Machine
Mar 06, 2020	Service	84,139	Perform 3000 Service Hour Mainten
Feb 13, 2020	Service	2,633	Travel To/from Machine
Feb 13, 2020	Service	2,633	Perform 2000 Service Hour Mainten
Feb 13, 2020	Service	2,633	Travel To/from Machine
Feb 13, 2020	Service	2,633	Perform 2000 Service Hour Mainten
Jan 08, 2020	Service	1,904	Replace Secondary Air Filter Elem
Jan 08, 2020	Service	1,904	Perform 500 Service Hour Maintena
Jan 08, 2020	Service	1,904	Travel To/from Machine
Jan 08, 2020	Service	1,904	Perform 500 Service Hour Maintena
Jan 08, 2020	Service	1,904	Replace Secondary Air Filter Elem

Jan 08, 2020	Service	1,904	Travel To/from Machine
Dec 03, 2019	Service	534	Repair Invalid:use Com Code 5057
Dec 03, 2019	Service	534	Travel To/from Machine
Dec 03, 2019	Service	534	Repair Invalid:use Com Code 5057
Dec 03, 2019	Service	534	Travel To/from Machine
Nov 25, 2019	Service	1,081	Travel To/from Machine
Nov 25, 2019	Service	1,081	Replace Secondary Air Filter Elem
Nov 25, 2019	Service	1,081	Perform 1000 Service Hour Mainten
Nov 25, 2019	Service	1,081	Travel To/from Machine
Nov 25, 2019	Service	1,081	Replace Secondary Air Filter Elem
Nov 25, 2019	Service	1,081	Perform 1000 Service Hour Mainten
Oct 28, 2019	Service	651	Travel To/from Machine
Oct 28, 2019	Service	651	Replace Secondary Air Filter Elem
Oct 28, 2019	Service	651	Perform 500 Service Hour Maintena

Oct 28, 2019	Service	651	Perform 500 Service Hour Maintena
Oct 28, 2019	Service	651	Replace Secondary Air Filter Elem
Oct 28, 2019	Service	651	Travel To/from Machine
Sep 27, 2019	Service	98	Do Not Use Charge Code Do Not Use Comp Code
Sep 27, 2019	Service	98	Do Not Use/ Use 035 Brake, Pilot& Imp Pump
Sep 27, 2019	Service	98	Do Not Use/ Use 035 Brake, Pilot& Imp Pump
Sep 27, 2019	Service	98	Travel To/from Machine
Sep 27, 2019	Service	98	Do Not Use/ Use 035 Brake, Pilot& Imp Pump
Sep 27, 2019	Service	98	Do Not Use Charge Code Do Not Use Comp Code
Sep 27, 2019	Service	98	Travel To/from Machine
Sep 06, 2019	Service	41	Do Not Use Charge Code Do Not Use Comp Code
Sep 06, 2019	Service	41	Invalid - Use Jobcode 035 Electronic Mon Sys/panel

Sep 06, 2019	Service	41	Do Not Use/ Use 035 Fuel Transfer& Priming P
Sep 06, 2019	Service	41	Travel To/from Machine
Sep 06, 2019	Service	41	Do Not Use/ Use 035 Fuel Transfer& Priming P
Sep 06, 2019	Service	41	Do Not Use Charge Code Do Not Use Comp Code
Sep 06, 2019	Service	41	Travel To/from Machine
Sep 06, 2019	Service	41	Invalid - Use Jobcode 035 Electronic Mon Sys/panel
Sep 06, 2019	Service	41	Do Not Use Charge Code Do Not Use Comp Code
Sep 06, 2019	Service	41	Do Not Use Charge Code Do Not Use Comp Code
Sep 06, 2019	Service	41	Invalid - Use Jobcode 035 Electronic Mon Sys/panel
Sep 06, 2019	Service	41	Do Not Use/ Use 035 Fuel Transfer& Priming P
Sep 06, 2019	Service	41	Travel To/from Machine
Sep 06, 2019	Service	41	Do Not Use Charge Code Do Not Use Comp Code

Sep 06, 2019	Service	41	Travel To/from Machine
Sep 06, 2019	Service	41	Do Not Use/ Use 035 Fuel Transfer& Priming P
Sep 06, 2019	Service	41	Invalid - Use Jobcode 035 Electronic Mon Sys/panel
Aug 30, 2019	Parts		
Aug 22, 2019	Service	62	Invalid - Use Jobcode 035 Exhaust Manifold
Aug 22, 2019	Service	62	Travel To/from Machine
Aug 22, 2019	Service	62	Travel To/from Machine
Aug 22, 2019	Service	62	Invalid - Use Jobcode 035 Exhaust Manifold
Aug 08, 2019	Service	41	Do Not Use Charge Code Do Not Use Comp Code
Aug 08, 2019	Service	41	Invalid - Use Jobcode 035 Electronic Mon Sys/panel
Aug 08, 2019	Service	41	Do Not Use/ Use 035 Fuel Transfer& Priming P
Aug 08, 2019	Service	41	Travel To/from Machine
Aug 08, 2019	Service	41	Invalid - Use Jobcode 035 Electronic Mon Sys/panel

Aug 08, 2019	Service	41	Do Not Use/ Use 035 Fuel Transfer& Priming P	
Aug 08, 2019	Service	41	Travel To/from Machine	
Aug 08, 2019	Service	41	Do Not Use Charge Code Do Not Use Comp Code	
Jun 28, 2019	Parts			
Jun 28, 2019	Parts			
Apr 23, 2019	Service	21	Remove Attachment	Remove forks ea2012341 tell hunter to receive in
Apr 23, 2019	Service	21	Install Guard	Remove forks ea2012341 tell hunter to receive in
Apr 23, 2019	Service	21	Install Attachment	Remove forks ea2012341 tell hunter to receive in
Apr 23, 2019	Service	21	Remove Attachment	Remove forks ea2012341 tell hunter to receive in
Apr 02, 2019	Service	20	Clean Machine	Demo check in, inspect, advise of any damages,
Apr 02, 2019	Service	20	Inspect Machine	Demo check in, inspect, advise of any damages,
Mar 15, 2019	Service	16	Clean Machine	Clean machine
Mar 15, 2019	Service	16	Inspect Machine	Clean machine
Feb 28, 2019	Service	7	Install Bucket	
Jan 22, 2019	Service	5	Touch-up Machine	
Jan 22, 2019	Service	5	Invalid: Use Jobcode 050 Machine	
Jan 22, 2019	Service	5	Charge Fuel	

FLUID ANALYSIS (167 Records)

Jan 31, 2025	 No Action Required	18,854	Radiator	ALL ANALYSIS READINGS ARE WITHIN THE EXPECTED RANGE FOR THIS COOLANT SAMPLE. CONTINUE TO SAMPLE AT THE RECOMMENDED INTERVAL.
Jan 31, 2025	 No Action Required	18,854	Transmission Power Shift	COPPER ALONE USUALLY INDICATES COOLER CORE LEACHING AND IS NOT NORMALLY WEAR OF BRONZE/BRASS PARTS. OIL CHANGE INDICATED. RESAMPLE AT THE NEXT SERVICE INTERVAL.
Jan 31, 2025	 No Action Required	18,854	Differential Front	NORMAL WEAR METAL READINGS. NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Jan 31, 2025	 No Action Required	18,854	Hydraulic System	COPPER ALONE USUALLY INDICATES COOLER CORE LEACHING AND IS NOT NORMALLY WEAR OF BRONZE/BRASS PARTS. OIL FILTER CHANGE INDICATED RESAMPLE AT THE NEXT SERVICE INTERVAL.
Jan 31, 2025	 No Action Required	18,854	Differential Rear	NORMAL WEAR METAL READINGS. NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Jan 31, 2025	 Action Required	18,854	Engine	ALUMINUM IS ELEVATED AND MAY INDICATE PISTON WEAR. CONDUCT VISUAL EXAMINATION OF THE OIL & INSPECT OIL FILTER(S) FOR ANY TRAPPED METAL/OTHER DEBRIS. OIL CHANGE INDICATED. RESAMPLE IN 125 HOURS TO MONITOR.
Jan 02, 2025	 No Action Required	17,624	Hydraulic System	NORMAL WEAR METAL READINGS. UNABLE TO COMPLETE PARTICLE COUNT ANALYSIS. INTERPRETATION WILL BE BASED OFF OF ALL OTHER ANALYSES AND VISUAL INSPECTION. NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.

Dec 16, 2024	 Monitor	18,594	Transmission Power Shift	UNABLE TO COMPLETE PARTICLE COUNT ANALYSIS DUE TO COMMUNICATION ERRORS. INTERPRETATION WILL BE BASED OFF OF ALL OTHER ANALYSES. ELEVATED COPPER MAY BE SOURCED TO BUSHING, THRUST WASHER, CLUTCH WEAR, OIL COOLER CORROSION . OTHER ANALYSIS READINGS APPEAR TO BE ACCEPTABLE. OIL FILTER CHANGE INDICATED RESAMPLE IN 250 HOURS TO MONITOR.
May 08, 2024	 No Action Required	17,624	Differential Rear	NORMAL WEAR METAL READINGS. NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
May 08, 2024	 No Action Required	17,624	Engine	NORMAL WEAR METAL READINGS. NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
May 08, 2024	 No Action Required	17,624	Differential Front	NORMAL WEAR METAL READINGS. NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
May 08, 2024	 Monitor	17,624	Hydraulic System	SODIUM MAY BE ASSOCIATED WITH COOLANT CONTAMINATION. OTHER ANALYSIS READINGS APPEAR TO BE ACCEPTABLE. OIL FILTER CHANGE INDICATED RESAMPLE IN 250 HOURS TO MONITOR.
May 08, 2024	 Monitor	17,624	Transmission Power Shift	ELEVATED COPPER MAY BE SOURCED TO BUSHING, THRUST WASHER, CLUTCH WEAR, OIL COOLER CORROSION . OTHER ANALYSIS READINGS APPEAR TO BE ACCEPTABLE. OIL FILTER CHANGE INDICATED RESAMPLE IN 250 HOURS TO MONITOR.
May 08, 2024	 No Action Required	17,624	Radiator	ALL TESTS APPEAR NORMAL FOR THIS COOLANT. SAMPLE AGAIN AT REGULAR INTERVAL TO MONITOR THE COOLING SYSTEM.

Mar 25, 2024	 Action Required	17,365	Transmission Power Shift	EXCESSIVE LEVEL OF WATER DETECTED. EXCESSIVE WATER CONTAMINATION IN OIL INTERFERES WITH ALL ANALYSES. INSPECT FOR SOURCE OF WATER ENTRY INTO THE OIL. MAKE NEEDED REPAIRS. CHANGE OIL & CONSIDER FLUSHING SYSTEM WITH AN APPROPRIATE FLUID TO PURGE ANY HARMFUL CONTAMINANTS. OIL CHANGE INDICATED. RESAMPLE IN 125 HOURS TO MONITOR.
Mar 05, 2024	 Action Required	17,329	Transmission Power Shift	EXCESSIVE LEVEL OF WATER DETECTED. EXCESSIVE WATER CONTAMINATION IN OIL INTERFERES WITH ALL ANALYSES. INSPECT FOR SOURCE OF WATER ENTRY INTO THE OIL. MAKE NEEDED REPAIRS. CHANGE OIL & CONSIDER FLUSHING SYSTEM WITH AN APPROPRIATE FLUID TO PURGE ANY HARMFUL CONTAMINANTS. OIL FILTER CHANGE INDICATED RESAMPLE IN 125 HOURS TO MONITOR.
Jan 31, 2024	 No Action Required	17,112	Differential Front	NORMAL WEAR METAL READINGS. NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Jan 31, 2024	 No Action Required	17,112	Differential Rear	NORMAL WEAR METAL READINGS. NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Jan 31, 2024	 Monitor	17,112	Hydraulic System	SODIUM MAY BE RESIDUALS OF A MINOR COOLANT LEAK, OR INTRODUCED FROM EXTERNAL SOURCES . OTHER ANALYSIS READINGS APPEAR TO BE ACCEPTABLE. OIL FILTER CHANGE INDICATED RESAMPLE IN 250 HOURS TO MONITOR.
Jan 31, 2024	 No Action Required	17,112	Radiator	ALL TESTS APPEAR NORMAL FOR THIS COOLANT. SAMPLE AGAIN AT REGULAR INTERVAL TO MONITOR THE COOLING SYSTEM.
Jan 31, 2024	 No Action Required	17,112	Engine	NORMAL WEAR METAL READINGS. OIL CHANGE INDICATED. RESAMPLE AT THE NEXT SERVICE INTERVAL.

Jan 31, 2024	 No Action Required	17,112	Transmission Power Shift	NORMAL WEAR METAL READINGS. NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Sep 20, 2023	 No Action Required	16,479	Hydraulic System	NORMAL WEAR METAL READINGS. NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Aug 22, 2023	 No Action Required	16,474	Differential Front	NORMAL WEAR METAL READINGS. NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Aug 22, 2023	 No Action Required	16,474	Differential Rear	NORMAL WEAR METAL READINGS. NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Jul 22, 2023	 No Action Required	16,474	Transmission Power Shift	NORMAL WEAR METAL READINGS. NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Jul 10, 2023	 Action Required	16,474	Engine	THIS SAMPLE IS CONTAMINATED WITH AN EXCESSIVE AMOUNT OF WATER. CHECK SEALS FOR LEAKS. CHANGE OIL & CONSIDER FLUSHING SYSTEM WITH AN APPROPRIATE FLUID TO PURGE ANY HARMFUL CONTAMINANTS . RESAMPLE AFTER REPAIRS TO CONFIRM FIX.
Oct 14, 2022	 Action Required	13,556	Differential Front	IRON LEVEL APPEARS HIGH. ELEVATED CHROMIUM CAN BE SOURCED TO VARIOUS TYPES OF LOW FRICTION BEARINGS . OVER EXTENDED OR OMITTED OIL SERVICE MAY CAUSE SIGNIFICANT ACCUMULATION OF METALS & PARTICULATES . INSPECT ANY MAGNETIC PLUG(S) FOR FERROUS METAL & CHECK OIL FOR OTHER VISIBLE MATERIAL/ METAL, ETC. RECOMMEND OIL CHANGE. RESAMPLE IN 125 HOURS TO MONITOR.

Oct 14, 2022	 No Action Required	13,556	Hydraulic System	NORMAL WEAR METAL READINGS OIL FILTER CHANGE INDICATED RESAMPLE AT THE NEXT SERVICE INTERVAL.
Oct 14, 2022	 Action Required	13,556	Differential Rear	IRON LEVEL APPEARS HIGH. ELEVATED CHROMIUM CAN BE SOURCED TO VARIOUS TYPES OF LOW FRICTION BEARINGS . OVER EXTENDED OR OMITTED OIL SERVICE MAY CAUSE SIGNIFICANT ACCUMULATION OF METALS & PARTICULATES . INSPECT ANY MAGNETIC PLUG(S) FOR FERROUS METAL & CHECK OIL FOR OTHER VISIBLE MATERIAL/ METAL, ETC. RECOMMEND OIL CHANGE. RESAMPLE IN 125 HOURS TO MONITOR.
Oct 14, 2022	 No Action Required	13,556	Transmission Power Shift	NORMAL WEAR METAL READINGS NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Oct 14, 2022	 Monitor	13,556	Engine	ALUMINUM IS HIGH. SILICON LEVEL APPEARS HIGH. OTHER ANALYSIS READINGS APPEAR TO BE ACCEPTABLE. OIL CHANGE INDICATED. RESAMPLE IN 250 HOURS TO MONITOR.
Oct 14, 2022	 No Action Required	13,556	Radiator	ALL ANALYSIS READINGS ARE WITHIN THE EXPECTED RANGE FOR THIS COOLANT SAMPLE. CONTINUE TO SAMPLE AT THE RECOMMENDED INTERVAL.
Jul 28, 2022	 Monitor	13,003	Differential Rear	IRON LEVEL APPEARS HIGH. ELEVATED CHROMIUM CAN BE SOURCED TO VARIOUS TYPES OF LOW FRICTION BEARINGS . INSPECT ANY MAGNETIC PLUG(S) FOR FERROUS METAL & CHECK OIL FOR OTHER VISIBLE MATERIAL/ METAL, ETC. OTHER ANALYSIS READINGS APPEAR TO BE ACCEPTABLE. RESAMPLE IN 250 HOURS TO MONITOR.
Jul 28, 2022	 Monitor	13,003	Differential Front	IRON LEVEL APPEARS HIGH. OTHER ANALYSIS READINGS APPEAR TO BE ACCEPTABLE. RESAMPLE IN 250 HOURS TO MONITOR.

Jul 28, 2022	 No Action Required	13,003	Transmission Power Shift	NORMAL WEAR METAL READINGS NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Jul 28, 2022	 No Action Required	13,003	Hydraulic System	NORMAL WEAR METAL READINGS OIL FILTER CHANGE INDICATED RESAMPLE AT THE NEXT SERVICE INTERVAL.
Jul 28, 2022	 Monitor	13,003	Engine	SILICON LEVEL APPEARS HIGH. OTHER ANALYSIS READINGS APPEAR TO BE ACCEPTABLE. OIL CHANGE INDICATED. RESAMPLE IN 250 HOURS TO MONITOR.
Jul 27, 2022	 No Action Required	13,003	Radiator	ALL ANALYSIS READINGS ARE WITHIN THE EXPECTED RANGE FOR THIS COOLANT SAMPLE. CONTINUE TO SAMPLE AT THE RECOMMENDED INTERVAL.
May 20, 2022	 No Action Required	12,250	Radiator	ALL ANALYSIS READINGS ARE WITHIN THE EXPECTED RANGE FOR THIS COOLANT SAMPLE. CONTINUE TO SAMPLE AT THE RECOMMENDED INTERVAL.
May 20, 2022	 Monitor	12,250	Differential Front	IRON LEVEL APPEARS HIGH. SUSPECT BEARING/BUSHING WEAR. INSPECT ANY MAGNETIC PLUG(S) FOR FERROUS METAL & CHECK OIL FOR OTHER VISIBLE MATERIAL/ METAL, ETC. OTHER ANALYSIS READINGS APPEAR TO BE ACCEPTABLE. RESAMPLE IN 250 HOURS TO MONITOR.
May 20, 2022	 Monitor	12,250	Differential Rear	IRON LEVEL APPEARS HIGH. SUSPECT BEARING/BUSHING WEAR. INSPECT ANY MAGNETIC PLUG(S) FOR FERROUS METAL & CHECK OIL FOR OTHER VISIBLE MATERIAL/ METAL, ETC. OTHER ANALYSIS READINGS APPEAR TO BE ACCEPTABLE. RESAMPLE IN 250 HOURS TO MONITOR.
May 20, 2022	 No Action Required	12,250	Engine	NORMAL WEAR METAL READINGS NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.

May 20, 2022	 No Action Required	12,250	Hydraulic System	NORMAL WEAR METAL READINGS NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
May 20, 2022	 No Action Required	12,250	Transmission Power Shift	NORMAL WEAR METAL READINGS NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Jan 04, 2022	 No Action Required	10,843	Differential Rear	NORMAL WEAR METAL READINGS NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Jan 04, 2022	 No Action Required	10,843	Differential Front	NORMAL WEAR METAL READINGS NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Jan 04, 2022	 No Action Required	10,843	Differential Rear	NORMAL WEAR METAL READINGS NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Jan 04, 2022	 No Action Required	10,843	Engine	NORMAL WEAR METAL READINGS OIL CHANGE INDICATED. RESAMPLE AT THE NEXT SERVICE INTERVAL.
Jan 04, 2022	 No Action Required	10,843	Transmission Power Shift	NORMAL WEAR METAL READINGS NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Jan 04, 2022	 No Action Required	10,843	Differential Front	NORMAL WEAR METAL READINGS NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Jan 04, 2022	 No Action Required	10,843	Engine	NORMAL WEAR METAL READINGS OIL CHANGE INDICATED. RESAMPLE AT THE NEXT SERVICE INTERVAL.

Jan 03, 2022	 No Action Required	10,843	Radiator	ALL TESTS APPEAR NORMAL FOR THIS COOLANT. CONTINUE TO SAMPLE AT THE RECOMMENDED INTERVAL.
Jan 03, 2022	 No Action Required	10,843	Hydraulic System	NORMAL WEAR METAL READINGS NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Dec 19, 2021	 No Action Required	10,404	Hydraulic System	NORMAL WEAR METAL READINGS NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Dec 19, 2021	 No Action Required	10,404	Differential Rear	NORMAL WEAR METAL READINGS NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Dec 19, 2021	 No Action Required	10,404	Transmission Power Shift	NORMAL WEAR METAL READINGS NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Dec 19, 2021	 No Action Required	10,404	Radiator	ALL ANALYSIS READINGS ARE WITHIN THE EXPECTED RANGE FOR THIS COOLANT SAMPLE. CONTINUE TO SAMPLE AT THE RECOMMENDED INTERVAL.
Dec 19, 2021	 Monitor	10,404	Differential Front	SUSPECT BEARING/BUSHING WEAR. OTHER ANALYSIS READINGS APPEAR TO BE ACCEPTABLE. RESAMPLE IN 250 HOURS TO MONITOR.
Dec 19, 2021	 No Action Required	10,404	Engine	NORMAL WEAR METAL READINGS NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Oct 31, 2021	 No Action Required	9,888	Differential Rear	NORMAL WEAR METAL READINGS NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.

Oct 31, 2021	 No Action Required	9,888	Transmission Power Shift	NORMAL WEAR METAL READINGS NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Oct 31, 2021	 No Action Required	9,888	Differential Front	NORMAL WEAR METAL READINGS NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Oct 31, 2021	 No Action Required	9,888	Hydraulic System	NORMAL WEAR METAL READINGS NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Oct 31, 2021	 No Action Required	9,888	Engine	NORMAL WEAR METAL READINGS NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Oct 31, 2021	 No Action Required	9,888	Radiator	ALL TESTS APPEAR NORMAL FOR THIS COOLANT. CONTINUE TO SAMPLE AT THE RECOMMENDED INTERVAL.
Sep 22, 2021	 No Action Required	9,336	Hydraulic System	NORMAL WEAR METAL READINGS OTHER ANALYSIS READINGS APPEAR TO BE ACCEPTABLE. RESAMPLE AT THE NEXT SERVICE INTERVAL.
Sep 19, 2021	 No Action Required	9,336	Differential Front	NORMAL WEAR METAL READINGS OTHER ANALYSIS READINGS APPEAR TO BE ACCEPTABLE. RESAMPLE AT THE NEXT SERVICE INTERVAL.
Sep 19, 2021	 Monitor	9,336	Radiator	GLYCOL LEVEL IS TOO LOW. NITRITE LEVEL IS DEPLETED. DRAIN 50% OF COOLING SYSTEM AND REPLENISH WITH COOLANT ELC CONCENTRATE. ADD 2% CAPACITY OF ELC EXTENDER (CAT P/N 119-5152) TO BOOST NITRITE. RESAMPLE FOR LEVEL 2 IN 250 HOURS TO MONITOR FOR EROSION/CORROSION IN THE COOLING SYSTEM

Sep 19, 2021	 No Action Required	9,336	Differential Rear	NORMAL WEAR METAL READINGS OTHER ANALYSIS READINGS APPEAR TO BE ACCEPTABLE. RESAMPLE AT THE NEXT SERVICE INTERVAL.
Sep 19, 2021	 No Action Required	9,336	Hydraulic System	NORMAL WEAR METAL READINGS OIL FILTER CHANGE INDICATED RESAMPLE AT THE NEXT SERVICE INTERVAL.
Sep 19, 2021	 No Action Required	9,336	Transmission Power Shift	NORMAL WEAR METAL READINGS NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Sep 19, 2021	 No Action Required	9,336	Engine	NORMAL WEAR METAL READINGS OTHER ANALYSIS READINGS APPEAR TO BE ACCEPTABLE. RESAMPLE AT THE NEXT SERVICE INTERVAL.
Sep 19, 2021	 No Action Required	9,336	Tandem Right	NORMAL WEAR METAL READINGS OTHER ANALYSIS READINGS APPEAR TO BE ACCEPTABLE. RESAMPLE AT THE NEXT SERVICE INTERVAL.
Sep 19, 2021	 No Action Required	9,336	Tandem Left	NORMAL WEAR METAL READINGS OTHER ANALYSIS READINGS APPEAR TO BE ACCEPTABLE. RESAMPLE AT THE NEXT SERVICE INTERVAL.
Sep 17, 2021	 No Action Required	9,336	Transmission Power Shift	NORMAL WEAR METAL READINGS OTHER ANALYSIS READINGS APPEAR TO BE ACCEPTABLE. RESAMPLE AT THE NEXT SERVICE INTERVAL.
Sep 17, 2021	 No Action Required	9,336	Differential Front	NORMAL WEAR METAL READINGS OTHER ANALYSIS READINGS APPEAR TO BE ACCEPTABLE. RESAMPLE AT THE NEXT SERVICE INTERVAL.
Sep 17, 2021	 No Action Required	9,336	Radiator	ALL TESTS APPEAR NORMAL FOR THIS COOLANT. CONTINUE TO SAMPLE AT THE RECOMMENDED INTERVAL.

Sep 17, 2021	 Monitor	9,336	Engine	SUSPECT BEARING/BUSHING AND RELATED STEEL COMPONENT WEAR. OTHER ANALYSIS READINGS APPEAR TO BE ACCEPTABLE. RESAMPLE IN 250 HOURS TO MONITOR.
Sep 17, 2021	 Monitor	9,336	Differential Rear	CHROME IS HIGH. OTHER ANALYSIS READINGS APPEAR TO BE ACCEPTABLE. RESAMPLE IN 250 HOURS TO MONITOR.
Sep 17, 2021	 No Action Required	9,336	Tandem Left	NORMAL WEAR METAL READINGS OTHER ANALYSIS READINGS APPEAR TO BE ACCEPTABLE. RESAMPLE AT THE NEXT SERVICE INTERVAL.
Sep 17, 2021	 No Action Required	9,336	Tandem Right	NORMAL WEAR METAL READINGS OTHER ANALYSIS READINGS APPEAR TO BE ACCEPTABLE. RESAMPLE AT THE NEXT SERVICE INTERVAL.
Aug 25, 2021	 No Action Required	8,851	Differential Front	NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Aug 25, 2021	 No Action Required	8,851	Engine	NORMAL WEAR METAL READINGS. NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Aug 25, 2021	 No Action Required	8,851	Transmission Power Shift	NORMAL WEAR METAL READINGS NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Aug 25, 2021	 No Action Required	8,851	Differential Rear	NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.

Aug 25, 2021	 No Action Required	8,851	Radiator	ALL TESTS APPEAR NORMAL FOR THIS COOLANT. CONTINUE TO SAMPLE AT THE RECOMMENDED INTERVAL.
Aug 25, 2021	 No Action Required	8,851	Hydraulic System	NORMAL WEAR METAL READINGS. NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Jul 06, 2021	 No Action Required	8,142	Differential Rear	NORMAL WEAR METAL READINGS. NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Jun 13, 2021	 No Action Required	7,607	Differential Rear	IRON LEVEL IMPROVED. NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Jun 13, 2021	 No Action Required	7,607	Hydraulic System	NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Jun 13, 2021	 No Action Required	7,607	Transmission Power Shift	NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Jun 13, 2021	 No Action Required	7,607	Differential Front	NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Jun 13, 2021	 No Action Required	7,607	Radiator	ALL TEST RESULTS ARE NORMAL NO ACTION REQUIRED, CONTINUE TO SAMPLE.
Jun 13, 2021	 No Action Required	7,607	Engine	NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.

Apr 15, 2021	 No Action Required	7,026	Transmission Power Shift	NORMAL WEAR METAL READINGS. NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Apr 15, 2021	 Monitor	7,026	Radiator	INHIBITOR LEVEL IS TOO LOW TO PROVIDE CORROSION/EROSION PROTECTION. ADD 2% CAPACITY OF ELC EXTENDER (CAT P/N 119-5152) TO BOOST INHIBITOR. SAMPLE AGAIN AT HALF THE REGULAR INTERVAL TO MONITOR INHIBITORS LEVELS.
Apr 15, 2021	 No Action Required	7,026	Differential Rear	IRON LEVEL IMPROVED. OTHER ANALYSIS READINGS APPEAR TO BE ACCEPTABLE. CONTINUE NORMALLY SCHEDULED SAMPLING.
Apr 15, 2021	 Monitor	7,026	Engine	LEAD IS ELEVATED. ELEVATED LEAD SOURCED PRIMARILY TO MAIN/ROD BEARING OVERLAY WEAR &/OR NON-MECHANICAL SOURCES. NO CONTAMINANTS DETECTED OR ANY OTHER INDICATION OF WHAT MAY BE CAUSING ACCELERATED WEAR. AS A PRECAUTION, CHK FOR OVERHEATING AND OPERATION AT A HIGHER LOAD FACTOR. CONSIDER CUTTING OPEN THE OLD FILTER TO INSPECT FOR ANY DEBRIS. AS OIL CHANGE REPORTED, SAMPLE IN 250 HRS TO MONITOR.
Apr 15, 2021	 No Action Required	7,026	Hydraulic System	NORMAL WEAR METAL READINGS. NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Apr 15, 2021	 Monitor	7,026	Differential Front	IRON IS ELEVATED. NO CONTAMINANTS (DIRT/ WATER) DETECTED. INSPECT FOR OBVIOUS SIGNS OF CONTAMINATION OR ABNORMAL WEAR. CHECK MAGNETIC PLUGS FOR ABNORMAL WEAR DEBRIS AS A PRECAUTION. RESAMPLE AT HALF THE REGULAR INTERVAL.
Apr 15, 2021	 No Action Required	7,026	Hydraulic System	NORMAL WEAR METAL READINGS. NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.

Mar 19, 2021	 No Action Required	6,580	Transmission Power Shift	NORMAL WEAR METAL READINGS. NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Mar 19, 2021	 Monitor	6,580	Differential Rear	IRON IS SLIGHTLY ELEVATED. NO CONTAMINANTS (DIRT/ WATER) DETECTED. INSPECT FOR OBVIOUS SIGNS OF CONTAMINATION OR ABNORMAL WEAR. CHECK MAGNETIC PLUGS FOR ABNORMAL WEAR DEBRIS AS A PRECAUTION. RESAMPLE AT HALF THE REGULAR INTERVAL.
Mar 19, 2021	 No Action Required	6,580	Hydraulic System	NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Mar 19, 2021	 Monitor	6,580	Engine	LEAD IS ELEVATED. ELEVATED LEAD SOURCED PRIMARILY TO MAIN/ROD BEARING OVERLAY WEAR &/OR NON-MECHANICAL SOURCES. NO CONTAMINANTS DETECTED OR ANY OTHER INDICATION OF WHAT MAY BE CAUSING ACCELERATED WEAR. AS A PRECAUTION, CHK FOR OVERHEATING AND OPERATION AT A HIGHER LOAD FACTOR. CONSIDER CUTTING OPEN THE OLD FILTER TO INSPECT FOR ANY DEBRIS. AS OIL CHANGE REPORTED, SAMPLE IN 250 HRS TO MONITOR.
Mar 19, 2021	 Monitor	6,580	Differential Front	IRON IS ELEVATED. NO CONTAMINANTS (DIRT/ WATER) DETECTED. INSPECT FOR OBVIOUS SIGNS OF CONTAMINATION OR ABNORMAL WEAR. CHECK MAGNETIC PLUGS FOR ABNORMAL WEAR DEBRIS AS A PRECAUTION. RESAMPLE AT HALF THE REGULAR INTERVAL.
Jan 31, 2021	 Monitor	6,065	Differential Front	IRON IS ELEVATED. NO INDICATION OF WHAT MAY BE CAUSING INCREASED WEAR. OTHER ANALYSIS READINGS APPEAR TO BE ACCEPTABLE. CHECK ANY SCREENS/ FILTERS/ PLUGS/ COVERS FOR ABNORMAL WEAR DEBRIS. CHECK FOR ANY UNUSUAL PERFORMANCE/ NOISES/ VIBRATIONS AND SAMPLE IN 250 HRS TO MONITOR.

Jan 31, 2021	 No Action Required	6,065	Differential Rear	NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Jan 31, 2021	 No Action Required	6,065	Transmission Power Shift	NORMAL WEAR METAL READINGS. NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Jan 31, 2021	 No Action Required	6,065	Hydraulic System	NORMAL WEAR METAL READINGS. NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Jan 31, 2021	 No Action Required	6,065	Engine	NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Jan 31, 2021	 Monitor	6,065	Differential Front	IRON IS ELEVATED. NO INDICATION OF WHAT MAY BE CAUSING INCREASED WEAR. OTHER ANALYSIS READINGS APPEAR TO BE ACCEPTABLE. CHECK ANY SCREENS/ FILTERS/ PLUGS/ COVERS FOR ABNORMAL WEAR DEBRIS. CHECK FOR ANY UNUSUAL PERFORMANCE/ NOISES/ VIBRATIONS AND SAMPLE IN 250 HRS TO MONITOR.
Jan 31, 2021	 No Action Required	6,065	Differential Rear	NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Jan 31, 2021	 Monitor	6,065	Radiator	INHIBITOR LEVEL IS TOO LOW TO PROVIDE CORROSION/EROSION PROTECTION. ADD 2% CAPACITY OF ELC EXTENDER (CAT P/N 119-5152) TO BOOST INHIBITOR. SAMPLE AGAIN AT HALF THE REGULAR INTERVAL TO MONITOR INHIBITOR LEVELS.
Jan 31, 2021	 No Action Required	6,065	Engine	NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.

Nov 22, 2020	 No Action Required	5,516	Engine	NORMAL WEAR METAL READINGS. NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Nov 22, 2020	 No Action Required	5,516	Differential Rear	NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Nov 22, 2020	 No Action Required	5,516	Differential Front	NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Nov 22, 2020	 No Action Required	5,516	Transmission Power Shift	NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Nov 22, 2020	 No Action Required	5,516	Hydraulic System	NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Nov 22, 2020	 Monitor	5,516	Radiator	INHIBITOR LEVEL IS TOO LOW TO PROVIDE CORROSION/EROSION PROTECTION. ADD 1% CAPACITY OF ELC EXTENDER (CAT P/N 119-5152) TO BOOST INHIBITOR. SAMPLE AGAIN AT HALF THE REGULAR INTERVAL TO MONITOR INHIBITORS LEVELS.
Oct 10, 2020	 No Action Required	5,060	Engine	ELEVATED WEAR METALS MAY BE DUE TO TIME ON OIL. OTHER ANALYSIS READINGS APPEAR TO BE ACCEPTABLE. OIL AND FILTER CHANGE INDICATED RESAMPLE AT THE NEXT SERVICE INTERVAL.
Oct 10, 2020	 No Action Required	5,060	Differential Front	NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.

Oct 10, 2020	 Monitor	5,060	Radiator	NITRITE LEVEL (INHIBITOR) IS TOO LOW TO PROVIDE CORROSION/EROSION PROTECTION. ADD 1 QUARTS OF ELC EXTENDER (CAT P/N 119-5152) TO BOOST NITRITE. RESAMPLE AT THE NEXT ENGINE SERVICE.
Oct 10, 2020	 No Action Required	5,060	Differential Rear	NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Oct 10, 2020	 No Action Required	5,060	Hydraulic System	NORMAL WEAR METAL READINGS. NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Jun 30, 2020	 No Action Required	0	Engine	NORMAL WEAR METAL READINGS. NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
May 21, 2020	 No Action Required	3,486	Differential Rear	NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
May 21, 2020	 No Action Required	3,486	Engine	NORMAL WEAR METAL READINGS. NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
May 21, 2020	 No Action Required	3,486	Differential Front	NORMAL WEAR METAL READINGS. NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
May 21, 2020	 No Action Required	3,486	Hydraulic System	NORMAL WEAR METAL READINGS. NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.

May 21, 2020	 Monitor	3,486	Radiator	NITRITE LEVEL (INHIBITOR) IS TOO LOW TO PROVIDE CORROSION/EROSION PROTECTION. ADD 1 QUARTS OF ELC EXTENDER (CAT P/N 119-5152) TO BOOST NITRITE. RESAMPLE AT THE NEXT ENGINE SERVICE.
May 21, 2020	 No Action Required	3,486	Transmission Power Shift	NORMAL WEAR METAL READINGS. NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
May 21, 2020	 No Action Required	3,486	Hydraulic System	NORMAL WEAR METAL READINGS. NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Mar 03, 2020	 No Action Required	2,986	Differential Rear	NORMAL WEAR METAL READINGS NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Mar 03, 2020	 No Action Required	2,986	Hydraulic System	NORMAL WEAR METAL READINGS NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Mar 03, 2020	 No Action Required	2,986	Differential Front	NORMAL WEAR METAL READINGS NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Mar 03, 2020	 No Action Required	2,986	Transmission Power Shift	NORMAL WEAR METAL READINGS NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Mar 03, 2020	 No Action Required	2,986	Engine	NORMAL WEAR METAL READINGS NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.

Feb 11, 2020	 Monitor	2,633	Radiator	INHIBITOR LEVEL IS TOO LOW TO PROVIDE CORROSION/EROSION PROTECTION. ADD 1% ELC EXTENDER (CAT P / N 119- 5152) TO BOOST INHIBITOR. CONTINUE TO SAMPLE AT HALF THE REGULAR INTERVAL.
Feb 11, 2020	 No Action Required	2,633	Differential Rear	NORMAL WEAR METAL READINGS NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Feb 11, 2020	 No Action Required	2,633	Engine	NORMAL WEAR METAL READINGS NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Feb 11, 2020	 Monitor	2,633	Differential Front	THIS SAMPLE IS TRACE WATER. INVESTIGATE POSSIBLE SOURCES OF WATER ENTRY AND REPAIR AS NECESSARY. CONTINUE NORMALLY SCHEDULED SAMPLING TO MONITOR.
Feb 11, 2020	 No Action Required	2,633	Hydraulic System	NORMAL WEAR METAL READINGS NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Feb 11, 2020	 Monitor	2,633	Transmission Power Shift	LEAD AND SILICON LEVELS ARE ELEVATED. OTHER ANALYSIS READINGS APPEAR TO BE ACCEPTABLE. OIL CHANGE NOTED. RESAMPLE IN 250 HRS TO MONITOR.
Jan 02, 2020	 No Action Required	1,904	Transmission Power Shift	NORMAL WEAR METAL READINGS NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Jan 02, 2020	 No Action Required	1,904	Differential Front	INITIALLY ELEVATED BREAK-IN READINGS WILL USUALLY IMPROVE AFTER THE 2ND, 3RD OIL DRAIN INTERVALS. OTHER ANALYSIS READINGS APPEAR TO BE ACCEPTABLE. RESAMPLE AT THE NEXT SERVICE INTERVAL.

Jan 02, 2020	 No Action Required	1,904	Differential Rear	NORMAL WEAR METAL READINGS NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Jan 02, 2020	 No Action Required	1,904	Engine	NORMAL WEAR METAL READINGS NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Jan 02, 2020	 No Action Required	1,904	Hydraulic System	NORMAL WEAR METAL READINGS NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Nov 22, 2019	 No Action Required	1,081	Engine	TEST RESULTS ARE ACCEPTABLE. NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Nov 22, 2019	 No Action Required	1,081	Differential Rear	NORMAL WEAR METAL READINGS NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Nov 22, 2019	 No Action Required	1,081	Differential Front	TRACE LEVEL OF WATER DETECTED. INITIALLY ELEVATED BREAK-IN READINGS WILL USUALLY IMPROVE AFTER THE 2ND, 3RD OIL DRAIN INTERVALS. RESAMPLE AT THE NEXT SERVICE INTERVAL.
Nov 22, 2019	 No Action Required	1,081	Differential Front	TRACE LEVEL OF WATER DETECTED. INITIALLY ELEVATED BREAK-IN READINGS WILL USUALLY IMPROVE AFTER THE 2ND, 3RD OIL DRAIN INTERVALS. RESAMPLE AT THE NEXT SERVICE INTERVAL.
Nov 22, 2019	 No Action Required	1,081	Differential Rear	NORMAL WEAR METAL READINGS NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.

Nov 22, 2019	 No Action Required	1,081	Engine	TEST RESULTS ARE ACCEPTABLE. NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Nov 22, 2019	 No Action Required	1,081	Hydraulic System	NORMAL WEAR METAL READINGS NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Nov 22, 2019	 Monitor	1,081	Transmission Power Shift	PARTICLE COUNT IS ELEVATED. OTHER ANALYSIS READINGS APPEAR TO BE ACCEPTABLE. RESAMPLE IN 500 HOURS TO MONITOR.
Oct 21, 2019	 No Action Required	651	Hydraulic System	TEST RESULTS ARE ACCEPTABLE. NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Oct 21, 2019	 No Action Required	651	Differential Rear	INITIALLY ELEVATED BREAK-IN READINGS WILL USUALLY IMPROVE AFTER THE 2ND, 3RD OIL DRAIN INTERVALS. RESAMPLE AT THE NEXT SERVICE INTERVAL.
Oct 21, 2019	 No Action Required	651	Transmission Power Shift	TEST RESULTS ARE ACCEPTABLE. NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Oct 21, 2019	 No Action Required	651	Transmission Power Shift	TEST RESULTS ARE ACCEPTABLE. NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.
Oct 21, 2019	 No Action Required	651	Hydraulic System	TEST RESULTS ARE ACCEPTABLE. NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.

Oct 21, 2019	 No Action Required	651	Differential Front	INITIALLY ELEVATED BREAK-IN READINGS WILL USUALLY IMPROVE AFTER THE 2ND, 3RD OIL DRAIN INTERVALS. RESAMPLE AT THE NEXT SERVICE INTERVAL.
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Oct 21, 2019	 No Action Required	651	Engine	INITIALLY ELEVATED BREAK-IN READINGS WILL USUALLY IMPROVE AFTER THE 2ND, 3RD OIL DRAIN INTERVALS. OIL CHANGE INDICATED. RESAMPLE AT THE NEXT SERVICE INTERVAL.
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Jan 10, 2019	 Monitor	918	Radiator	INHIBITOR LEVEL IS TOO LOW TO PROVIDE CORROSION/EROSION PROTECTION. CAT DOES NOT REQUIRE BUT DOES RECOMMEND NITRITES IN ENGINES SMALLER A C8.8 TO REDUCE CAVITATION/ CORROSION. CONSIDER ADDING 2% CAPACITY OF ELC EXTENDER (CAT P/N 119-5152) TO BOOST INHIBITOR. SAMPLE AGAIN AT HALF THE REGULAR INTERVAL TO MONITOR INHIBITOR LEVELS.
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