

25/11/25
09:46:46

History Listing

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Customer Name : S50PHR-1-C-40 Serial No: ZKF319772
IH 20 S50PHR-1-C-40 CASE IH STEIGER 500 TRACTOR

R.O No. : M67453 R.O Date : 07/02/25 Dept : S
R0 total 48,185.35 Kilometres: 7641 Advisor No. : 691
Cus total 48,185.35 War total 0.00 Int total 0.00

Job number : 1 Operation 06IHZZ//05 Desc. REAR DIFFERENTIAL RH FINAL DRI
Sale type : C Technician No(s). 726 667 329 727 748 511 703 7
Complaint : DIAGNOSE AND REPAIR CAUSE FOR RIGHT HAND DRIVE LOCKING UP.
Cause : FAILED BEARINGS ON THE REDUCTION DRIVE GEARS
Correction : GET STANDS AND BLOCKS READY.

UNLOAD TRACTOR.
JACK UP SUPPORT ON STANDS.
DETENSION TRACKS.
REMOVE OUTSIDE IDLERS.
REMOVE TRACKS.
REMOVE UNDERCARRIAGE HOSES.
REMOVE PINS AND SHIM.
REMOVE UNDERCARRIAGES.
REMOVE DRAWBAR.
DISCONNECT DRIVE SHAFT AND SLIDE FORWARD.
DRAIN OIL.
REMOVE HOSES.
LOWER TO GROUND.
CLEAN.

JACK UP REAR OF TRACTOR AND PLACE STANDS UNDER IT.
DRAIN OIL OUT OF DIFF AND AXLE HOUSINGS
REMOVE THE OUTSIDE IDLER WHEELS.
REMOVE THE TWO REAR TRACKS.
REMOVE UNDERCARRIAGE, PINS AND OIL LINES.
REMOVE THE UNDERCARRIAGE.
REMOVE THE REAR AXLE DRIVE SHAFT AND CENTRE BEARING BOLTS.
REMOVE THE OIL HOSES TO THE REAR AXLE.
REMOVE TRACK ADJUSTER PLATES.
REMOVE DRIVE WHEELS.
REMOVE REAR AXLE MOUNTING BOLTS.
LOWER AXLE DOWN OUT OF THE TRACTOR WITH TWO FORKLIFTS.
TAKE EAXLE TO WASH BAY AND PRESSURE CLEAN THE AXLE.
REMOVE RIGHT SIDE AXLE.
REME LEFT SIDE AXLE.
REMOVE RIGHT SIDE REDUCTION GEAR HOUSING.
REMOVE LEFT SIDE REDUCTION GEAR HOUSING.
FOUND FAILED BEARINGS ON THE RIGHT SIDE REDUCTION DRIVE
GEAR. THE AXLE PRELOAD NUT PICKED UP ON THE AXLE THREAD
THEN HAD TO CUT IT OFF.
CLEAN UP ALL PARTS THEN MAKE UP A PARTS LIST.
EMVOE BEARING CUPS FROM REDUCTION DRIVE HOUSING.
REMOV EBEARING CONESFROM DRIVE GEAR ON THE GOOD SIDE.
FIT NEW GEARS AND BEARING ON THE RIGHT SIDE.
FIT NEW BEARING ON THE LEFT SIDE.
SET UP THE BEARING PRELOAD ON THE REDUCTION DRIVE GEARS.
REMOVE AXLE FROM AXLE HOUSING ON RIGHT SIDE.
REMOVE OLD OIL SEAL.
REMOVE BEARING CUPS FROM AXLE HOUSING.
FIT NEW BEARINGS ONTO NEW AXLE SHAFT.
FIT NEW OIL SEAL.
FIT NEW BEARING PRELOAD NUT.
ADJUST THE AXLE BEARING PRELOAD NUT AND THEN FIT LOCK
SCREWS. FIT NEW RING GEAR ON RIGHT SIDE.
FIT REDUCTION DRIVE GEAR HOUSINGS ONTO AXLE CENTRE.
FIT THE TWO AXLE HOUSINGS ONTO AXLE CENTRE.
LIFT AXLE OUT OF WORKSHOP AND PLACE IT UNDER TRACTOR.
USED TWO FORKLIFTS TO LIFT AXLE INTO PLACE.
FIT AXLE MOUNTING BOLTS AND TENSION.

FIT DRIVE WHEELS AND TENSION BOLTS.
FIT REAR DRIVE SHAFT AND CENTRE BEARING.
FIT ALL OIL HOSE TO REAR AXLE.
FIT WIRING TO DIFF LOCK SOLENOID.
FIT UNDERCARRIAGE PINS AND BOLTS.
FIT TWO REAR TRACKS
FIT THE OUTSIDE IDLER WHEELS, TENSION BOLTS.

DRAIN HYDRAULIC TANK.
CLEAN OUT HYDRAULIC TANK.
CLEAN SCREENS OUT FROM INSIDE HYDRAULIC TANK.
CHANGE HYDRAULIC OIL FILTERS.
DRAIN FRONT AXLE.
FILL HYDRAULIC TANK WITH NEW OIL.
TEST DRIVE THE TRACTOR THEN TOP UP HYDRAULIC OIL LEVEL.

SLIDE AXLE UNDER TRACTOR.
LIFT AXLE INTO POSITION WITH 2 FORKLIFTS.
FIT AXLE MOUNTING BOLTS.
LIFT VALVE STACK AND FIT 4 BOLTS INTO REAR OF AXLE.
LOWER VALVE STACK AND SECURE.
TENSION AXLE MOUNTING BOLTS TO SPEC.
REFIT PLUMBING ONTO AXLE.
RECONNECT DRIVE SHAFT AND CENTRE BEARING.
POSITION UNDERCARRIAGE.
LOWER TRACTOR TO ALIGN PINS.
FIT PINS AND SHIMS.
CONNECT UNDERCARRIAGE HOSES.
JACK TRACTOR BACK UP.
FIT TRACKS.
FIT OUTSIDE IDLERS.
REMOVE JACKS AND STAND, LOWER TO GROUND.
DRAIN HYDRAULIC OIL FROM TANK.
REPLACE FILTERS.
REMOVE PLATE AND REMOVE 2 SUCTION FILTERS.
CLEAN SCREENS.
REFIT SCREENS.
FIT PLATE WITH NEW GASKET.
FILL WITH HYTRANS AND RUN TRACTOR, REPEAT.
TENSION TRACKS.
TENSION WHEEL BOLTS (IDLER AND DRIVE).
TEST DRIVE TRACTOR.
RECHECK OIL.
CLEAN UP WORK AREA AND TOOLING.
COMPLETE PAPERWORK.

R.O No. : M67367 R.O Date : 31/01/25 Dept : S
R0 total 14,157.03 Kilometres: 7640 Advisor No. : 691
Cus total 13,498.28 War total 0.00 Int total 658.75

Job number : 1 Operation 14IHZZ//01 Desc. FRONT LH BASE UNDERCARRIGE REP
Sale type : C Technician No(s). 726 784 667
Complaint : DIAGNOSE AND REPAIR CAUSE FOR FAILED FLRO
Cause : LOSS OF OIL CAUSING FAILED BEARING
Correction : CUSTOMER CONTACTED WORKSHOP WITH A COMPLAINT OF FAILED
IDLER. LOADED TRUCK WITH GEAR NECESSARY TO REPLACE FAILED
BEARINGS. TRAVELLED TO MACHINE.
INSPECTED MACHINE TO DETERMINE CAUSE FOR FAILURE.
MOVED MACHINE ONTO SOLID GROUND.
DETENSIONED TRACK.
POSITIONED JACK AND BLOCKS UNDER MACHINE.
JACKED TRACTOR OFF GROUND.
REMOVED IDLER CAP OFF FLR IDLER.
REMOVED RETAINING BOLT AND WASHER.
REMOVED IDLER WHEEL BOLTS.
REMOVED IDLER WHEEL.
REMOVED IDLER HUB.
REMOVED IDLER BOLTS FROM INNER IDLER.

SLID INNER IDLER OUT OF WAY.
USED LIFTING LUG ON SHAFT TO SUPPORT WEIGHT.
USED TRUCK CRANE TO SUPPORT WEIGHT OF SHAFT.
REMOVED IDLER SHAFT RETAINING BOLTS.
LIFTED IDLER SHAFT ONTO BACK OF TRUCK.
FOUND SHAFT TO BE SEVERELY DAMAGED.
INSPECTED HUB AND FOUND TO BE EXCESSIVELY DAMAGED.
CONTACTED SERVICE MANAGER TO INFORM THAT JOB COULD NOT BE
COMPLETED WITHOUT REPLACEMENT HUB. PACKED UP TOOLS.
TRAVELLED BACK TO TOWN.
ORGANISED REPLACEMENT HUB.
HEATED SEAL CUPS AND INSTALLED TO NEW SHAFT.
INSTALLED BEARING CONES TO NEW HUB.
INSTALLED INNER BEARING RACE TO NEW HUB.
INSTALLED HUB SEAL TO NEW HUB AND SHAFT.
REMOVED CAP FROM GOOD HUB ON OLD SHAFT.
REMOVED RETAINING BOLT.
REMOVED OLD BEARING CONES FROM GOOD HUB.
INSTALLED NEW BEARING CONES TO GOOD HUB.
INSTALLED INNER BEARING RACE TO GOOD HUB.
INSTALLED SEAL TO GOOD HUB.
INSTALLED SEAL TO NEW SHAFT.
INSTALLED HUBS TO NEW SHAFT.
INSTALLED RETAINING BOLTS AND TENSIONED TO SPEC.
INSTALLED NEW CAP TO NEW HUB.
INSTALLED CAP TO OLD HUB.
REFILLED BOTH HUBS WITH OIL.
LOADED UP TRUCK.
TRAVELLED TO MACHINE.
ATTEMPTED TO DETENSION TRACK FURTHER AND FOUND THAT DUST AND
DIRT BUILDUP IN UNDERCARRIAGE WAS PREVENTING FROM
DETENSIONING FULLY. REMOVED ACCESS PANEL AND BLEW
UNDERCARRIAGE OUT. JACKED UP MACHINE AND REMOVED TRACK.
TRAVELLED TO MACHINE.
INSTALLED SHAFT.
INSTALLED RETAINING BOLTS AND TENSIONED TO SPEC.
INSTALLED INNER IDLER AND BOLTS.
INSTALLED TRACK TO MACHINE WITH CUSTOMER EXCAVATOR.
INSTALLED OUTER IDLER WHEELS.
INSTALLED BOLTS.
LOWERED MACHINE TO GROUND.

Job number : 2 Operation 24IHZZZ09 Desc. TRAVEL RETAIL
Sale type : C Technician No(s). 726 784 667
Complaint : SEPARATING TRAVEL TIME FROM LABOUR TIME

Job number : 3 Operation 14IHZZ//02 Desc. FRONT RH BASE UNDERCARRIGE REP
Sale type : C Technician No(s). 667 726
Complaint : DIAGNOSE AND REPAIR FAILED FRRO IDLER
Cause : LOSS OF OIL CAUSING FAILED BEARING
Correction : INSPECTED ANY OTHER IDLERS OR ROLLERS FOR DAMAGE OR LOW OIL.
FOUND FRRI TO HAVE NO OIL IN IT.
REMOVED CAP.
DETENSIONED TRACK.
FOUND RETAINING BOLT WAS LOOSE.
FOUND BEARING HAD EXCESSIVE PLAY.
CONTACTED FARM MANAGER ON WHAT HE WANTED DONE.
CUSTOMER REQUESTED NEW BEARINGS AND SEAL TO BE INSTALLED.
CONTACTED PARTS TO HAVE BEARINGS AND SEAL ORGANISED AND SENT
OUT. WHILE WAITING FOR REPLACEMENT PARTS PROCEEDED TO
DISASSEMBLE FAILED HUB. REMOVED IDLER WHEEL BOLTS.
REMOVED IDLER.
REMOVED HUB FROM AXLE.
REMOVED BEARING CUPS FROM HUB.
REMOVED SEALS FROM HUB AND AXLE.
REMOVED BEARING RACE FROM AXLE.
GROUND SLOT INTO INNER BEARING RACE.
USED CHISEL AND HAMMER TO REMOVE RACE FROM SHAFT.
CLEANED UP SHAFT AND INSPECTED FOR DAMAGE.
FOUND NO DAMAGE ON SHAFT.

INSTALLED NEW BEARING CONES TO HUB.
INSTALLED INNER BEARING RACE TO HUB.
INSTALLED SEALS TO AXLE AND HUB.
SLID HUB ONTO AXLE.
INSTALLED OUTER RACE.
INSTALLED RETAINING BOLT AND WASHER.
INSTALLED OUTER CAP.
FILLED WITH OIL.
INSTALLED IDLER WHEEL.
INSTALLED IDLER WHEEL BOLTS.
STARTED MACHINE.
TENSIONED TRACKS.
TENSIONED WHEEL BOLTS OF ALL REMOVED IDLERS.
DROVE MACHINE TO ENSURE NO LEAKS.
FOUND NO LEAKS.
FOUND NO OTHER IDLERS OR ROLLERS WITH LOW OIL.
CHECKED IDLERS AND ROLLERS FOR ANY GETTING HOT OR MAKING
NOISE. NONE FOUND.
PACKED UP TOOLS.
TRAVELLED BACK TO WORKSHOP.
COMPLETED PAPERWORK.

Job number : 4 Operation 24IHZZ//04 Desc. CASEIH TRAINING
Sale type : I Technician No(s). 726

R.O No. : M67192 R.O Date : 18/12/24 Dept : S

R0 total 778.35 Kilometres: 7122 Advisor No. : 691
Cus total 778.35 War total 0.00 Int total 0.00

Job number : 1 Operation 01IHZZ//01 Desc. BASE ENGINE REPAIR/OVERHAUL
Sale type : C Technician No(s). 667
Complaint : DIAGNOSE AND REPAIR CAUSE FOR BOOST LEAK
Correction : TRAVEL TO MACHINE.
INSPECT TRACTOR AND TAKE PHOTOS AS REQUIRED, SENT TO SERVICE
MANAGER.
RETURN TO WORKSHOP.
COLLECT PARTS AND RETURN TO MACHINE.
CLEAN HOSE.
REFIT HOSE.
FIT NEW CLAMPS.
CHECK ALL OTHER CLAMPS.
BERNIE TEST DROVE TRACTOR.
RECHECK CLAMPS.
RETURN TO WORKSHOP.
COMPLETE PAPERWORK.

Job number : 2 Operation 24IHZZZZZTRVL Desc. TRAVEL RETAIL
Sale type : C Technician No(s). 667
Complaint : SEPARATING TRAVEL TIME FROM LABOUR TIME

R.O No. : M66594 R.O Date : 04/10/24 Dept : S
R0 total -330.51 Kilometres: 6720 Advisor No. : 323
Cus total -330.51 War total 0.00 Int total 0.00

Job number : 1 Operation 05IHZZ//04 Desc. FRONT DIFFERENTIAL LH FINAL DR
Sale type : C Technician No(s). 323
Complaint : PARTS CREDIT M65841

R.O No. : M66319 R.O Date : 09/08/24 Dept : S
R0 total 180,367.50 Kilometres: 6900 Advisor No. : 691
Cus total 180,367.50 War total 0.00 Int total 0.00

Job number : 1 Operation 01IHZZ//01 Desc. BASE ENGINE REPAIR/OVERHAUL
Sale type : C Technician No(s). 329 748 511
Complaint : DIAGNOSE AND REPAIR CAUSE FOR FUEL IN THE COOLING SYSTEM
Cause : CRACK IN CYLINDER HEAD
FOUND ENGINE HAD DAMAGED CAM AND CRANKSHAFT
Correction : REMOVE BONNET FROM TRACTOR.
REMOVE COOLANT HOSES.
REMOVE INTAKE ELBOW.
REMOVE FRAME MOUNTING BOLTS.
REMOVE THE TOP FRAME.
REMOVE THE ROCKER COVER.
REMOVE THERMOSTAT HOUSING.
REMOVE SOME WIRING TO THE ENGINE.
REMOVE THE CYLINDER HEAD.
FOUND CAMSHAFT BEARING DAMAGE.
FOUND CAMSHAFT DAMAGE.
EMOVE ENGINE TO TRANMISISONDRIVE SHAFT.
REMOE ENGINE MOUNT BOLTS.
REMOVE ENGIEN HYRUALIC FAN PUMP.
LIFT THE ENGIEN OUT OF TRACTOR.
PLACE ENGINE INTO ENGINE STAND.
REMOVE THE ENGINE SUP.
CHECK OUT CRANKSHAFT BEARING LOOKED LIKE IT WAS STARTING TO
PICK UP.
A NEW ENGINE WAS ORDERED IN.

FIT NEW DRIVE COUPLER ONTO FLYWHEEL.
FIT THE NEW ENGINE INTO TRACTOR.
FIT THE ENGINE MOUNTING BOLTS.
FIT ALL HOSES ONTO ENGINE.
FIT AT THE TOP FRAME OVER ENGINE.
FIT NEW INTERCOOLER.
FIT ALL NEW INTAKE HOSE AND CLAMPS.
FIT ALL INTAKE TUBES.
FIT ENGINE TO TRANSMISSION DRIVE SHAFT.
FIT HYDRAULIC FAN PUMP TO ENGINE.
FIT THE ENGINE CONTROLLER.
FILL ENGINE WITH NEW OIL.
FILL COOLING SYSTEM WITH NEW OAT COOLANT HAD TO FLUSH
COOLING SYSTEM WITH WATER THREE TIMES.
PRIME THE FUEL SYSTEM WITH THE LIFT PUMP.
START THE TRACTOR THEN RECHECK COOLANT LEVEL AND TOP THE
ENGINE OIL LEVEL.

Job number : 2 Operation 14IHZZ//01 Desc. FRONT LH BASE UNDERCARRIGE REP
Sale type : C Technician No(s). 329 748
Complaint : REPLACE LEFT HAND TRACK AS REQUESTED
Correction : JACK UP LEFT FRONT CORNER OF TRACTOR.
LET THE TRACK TENSION OFF.
REMOVE THE OUTSIDE IDLER WHEELS.
REMOVE THE OLD TRACK WITH FORKLIFT.
FIT NEW TRACK ON THE LEFT FRONT.
FIT THE IDLER WHEELS AND TENSION MOUNTING BOLTS.
LET THE TRACTOR DOWN OFF THE JACK.
START TRACTOR AND TENSION TRACKS.

Job number : 3 Operation 14IHZZ//02 Desc. FRONT RH BASE UNDERCARRIGE REP
Sale type : C Technician No(s). 329 748

Complaint : REPLACE RIGHT HAND FRONT TRACK AS REQUESTED
Correction : JACK UP RIGHT FRONT CORNER OF TRACTOR.
LET THE TRACK TENSION OFF.
REMOVE THE OUTSIDE IDLER WHEELS.
REMOVE THE OLD TRACK WITH FORKLIFT.
FIT NEW TRACK ON RIGHT FRONT
FIT THE IDLER WHEELS AND TENSION MOUNTING BOLTS.
LET THE TRACTOR DOWN OFF THE JACK.
START TE TRACTOR AND TENSION TRACKS.

Job number : 4 Operation 14IHZZ//03 Desc. REAR LH BASE UNDERCARRIGE REPA
Sale type : C Technician No(s). 329
Complaint : REPLACE REAR LEFT HAND TRACK AS REQUESTED
Correction : JACK UP LEFT REAR CORNER OF TRACTOR.
LET THE TRACK TENSION OFF.
REMOVE OUTSIDE IDLER WHEELS.
REMOVE THE OLD TRACK WITH FORKLIFT.
FIT NEW TRACK ON LEFT REAR.
FIT THE IDLER WHEELS AND TENSION MOUNTING BOLTS.
LET THE TRACTOR DOWN OFF THE JACK.
START THE TRACTOR AND TENSION TRACKS.

Job number : 5 Operation 14IHZZ//04 Desc. REAR RH BASE UNDERCARRIGE REPA
Sale type : C Technician No(s). 329 748
Complaint : REPLACE REAR RIGHT HAND TRACK AS REQUESTED
Correction : JACK UP RIGHT REAR CORNER OF TRACTOR.
LET THE TRACK TENSION OFF.
REMOVE THE OUTSIDE IDLER WHEELS.
REMOVE THE OLD TRACK WITH FORKLIFT.
FIT NEW TRACK ONTO RIGHT REAR.
FIT THE IDLER WHEEL AND TENSION MOUNTING BOLTS.
LET TRACTOR DOWN OFF THE JACK.
START THE TRACTOR AND TENSION TRACKS.

Job number : 6 Operation 08IHZZ//01 Desc. BASE HYDRAULIC SYSTEM REPAIR/O
Sale type : C Technician No(s). 329 748
Complaint : HYDRAULIC OIL LEAKS.
Cause : LOOSE FITTING AND LEAKING HOSE.
Correction : CHECK OUT HYDRAULIC OIL LEAKS.
FOUND A LOOSE FITTING AND A LEAKING HOSE.
REPLACE O'RING ON THE LOOSE FITTING AND TIGHTEN,
THE LEAKING HOSE ON HYDRAULIC FAN PUMP.
REMOVE AND REPLACE THE LEAKING HOSE.
RUN AND CHECK OIL LEVEL.
TOP UP AS REQUIRED.
JOB COMPLETE.

Job number : 7 Operation 11IHZZ//01 Desc. BASE CHASSIS/FRAME REPAIR/OVER
Sale type : C Technician No(s). 329 748
Complaint : REPLACE ENGINE MOUNTS AS REQUIRRRED
Cause : MOUNTS NOT TIGHTENING DOWN
Correction : REMOVE ENGINE MOUNTING BOLTS.
REMOVE THE OLD REAR ENGINE MOUNTS.
FIT NEW REAR ENGINE MOUNTS.
FIT ENGINE MOUNT BOLT AND TIGHTEN

Comments : FRONT LEFT TRACK: 0923 634523
REAR LEFT TRACK: 0923 633 966
REAR RIGHT TRACK: 1123 637109
FRONT RIGHT TRACK: 1123 637 253

R.O No. : M66148 R.O Date : 11/07/24 Dept : S
RO total 2,985.95 Kilometres: 6720 Advisor No. : 323
Cus total 2,985.95 War total 0.00 Int total 0.00

Job number : 1 Operation 17IHZZ//10 Desc. 1000 HOUR SERVICE
Sale type : C Technician No(s). 323
Complaint : SERVICE, REFER TO M65572

R.O No. : M65841 R.O Date : 08/05/24 Dept : S
R0 total 53,111.90 Kilometres: 6720 Advisor No. : 691
Cus total 53,111.90 War total 0.00 Int total 0.00

Job number : 1 Operation 05IHZZ//04 Desc. FRONT DIFFERENTIAL LH FINAL DR
Sale type : C Technician No(s). 329 748
Complaint : DIAGNOSE AND REPAIR CAUSE FOR LH LEAKING AXLE SEAL
Cause : FAILED AXLE BEARINGS AND ONE AXLE
FAILED OIL SEALS
FAILED GEARS AND RING GEAR
Correction : JACK UP THE FRONT OF THE TRACTOR AND PLACE SOME STANDS UNDER
MAIN FRAME.
REMOVE THE TRACK TENSION OFF THE TWO FRONT TRACKS.
REMOVE THE OUTSIDE IDLER WHEELS.
REMOVE THE TWO FRONT TRACKS.
REMOVE THE MAIN DRIVE WHEELS.
REMOVE THE TWO FRONT UNDERCARRIAGES.
DRAIN THE FRONT AXLE.
REMOVE FRONT DRIVE SHAFT.
REMOVE ALL OIL LINES TO FRONT AXLE.
REMOVE WIRING TO FRONT AXLE.
REMOVE ALL AXLE MOUNTING BOLTS.
LIFT THE AXLE DOWN OUT OF TRACTOR WITH TWO FORKLIFTS.
TAKE AXLE OVER TO WASH BAY AND PRESSURE CLEAN THE FRONT
AXLE. REMOVE THE TWO AXLE HOUSINGS OFF THE MAIN AXLE CENTRE.
ONE AXLE HOUSING WAS PULLED DOWN, CLEANED UP A NEW SEAL
AND PRELOAD NUT AND LOCK BOLTS FITTED.
SET THE BEARING PRELOAD ONTO AXLE HOUSING BEARING.
FIT AXLE HOUSING ONTO MAIN CENTRE HOUSING.
PULL THE OTHER AXLE HOUSING OFF THE MAIN CENTRE HOUSING,
FOUND FAILED AXLE HOUSING BEARINGS.
ALSO THE REDUCTION DRIVE BEARINGS HAD FAILED SO THE
REDUCTION DRIVE HOUSING WAS REMOVED FROM THE AXLE HOUSING.
REMOVE BEARING CUPS OUT OF THE AXLE HOUSING THEN CLEAN OUT
THE HOUSING.
THE AXLE PRELOAD NUT PICKED UP ON THE AXLE THREADS.
FIT NEW AXLE BEARINGS ONTO NEW AXLE THEN SET AXLE PRELOAD
AND TIGHTEN.
PULL THE AXLE REDUCTION HOUSING DOWN AND FOUND FAILED
BEARINGS AND DAMAGED GEARS.
FIT NEW BEARINGS ONTO NEW GEARS THEN SET THE BEARING
PRELOADS ON AXLE REDUCTION GEARS AND BEARINGS.
FIT AXLE REDUCTION HOUSING ONTO AXLE HOUSING.
FIT AXLE HOUSING ONTO AXLE CENTRE, TENSION ALL BOLTS.
LIFT THE AXLE INTO TRACTOR THEN TENSION ALL MOUNTING BOLTS.
FIT DRIVE WHEELS, TENSION BOLTS.
FIT TRACK TENSIONER PLATES.
FIT THE UNDERCARRIAGES AND MAIN PINS.
FIT ALL OIL LINES TO FRONT AXLE.
FIT THE FRONT AXLE DRIVE SHAFT.
FIT THE TWO FRONT TRACKS.
FIT THE FRONT OUTSIDE IDLER WHEELS, TENSION ALL BOLTS.
DRAIN THE HYDRAULIC TANK.
DRAIN REAR AXLE.
CLEAN OUT THE HYDRAULIC TANK.
REPLACE THE HYDRAULIC FILTERS.
FILL THE HYDRAULICS WITH OIL , USED OUT OF SERVICE TRAILER.
CLEAN UP WORK AREA AND TOOLING.
COMPLETE PAPERWORK.

Job number : 2 Operation 05IHZZ//05 Desc. FRONT DIFFERENTIAL RH FINAL DR
Sale type : C Technician No(s). 748 329
Complaint : DIAGNOSE AND REPAIR CAUSE FOR RH LEAKING AXLE SEAL

Cause : FAILED AXLE BEARINGS AND ONE AXLE
FAILED OIL SEALS
FAILED GEARS AND RING GEAR
Correction : JACK UP THE FRONT OF THE TRACTOR AND PLACE SOME STANDS UNDER
MAIN FRAME.
REMOVE THE TRACK TENSION OFF THE TWO FRONT TRACKS.
REMOVE THE OUTSIDE IDLER WHEELS.
REMOVE THE TWO FRONT TRACKS.
REMOVE THE MAIN DRIVE WHEELS.
REMOVE THE TWO FRONT UNDERCARRIAGES.
DRAIN THE FRONT AXLE.
REMOVE FRONT DRIVE SHAFT.
REMOVE ALL OIL LINES TO FRONT AXLE.
REMOVE WIRING TO FRONT AXLE.
REMOVE ALL AXLE MOUNTING BOLTS.
LIFT THE AXLE DOWN OUT OF TRACTOR WITH TWO FORKLIFTS.
TAKE AXLE OVER TO WASH BAY AND PRESSURE CLEAN THE FRONT
AXLE. REMOVE THE TWO AXLE HOUSINGS OFF THE MAIN AXLE CENTRE.
ONE AXLE HOUSING WAS PULLED DOWN, CLEANED UP A NEW SEAL
AND PRELOAD NUT AND LOCK BOLTS FITTED.
SET THE BEARING PRELOAD ONTO AXLE HOUSING BEARING.
FIT AXLE HOUSING ONTO MAIN CENTRE HOUSING.
PULL THE OTHER AXLE HOUSING OFF THE MAIN CENTRE HOUSING,
FOUND FAILED AXLE HOUSING BEARINGS.
ALSO THE REDUCTION DRIVE BEARINGS HAD FAILED SO THE
REDUCTION DRIVE HOUSING WAS REMOVED FROM THE AXLE HOUSING.
REMOVE BEARING CUPS OUT OF THE AXLE HOUSING THEN CLEAN OUT
THE HOUSING.
THE AXLE PRELOAD NUT PICKED UP ON THE AXLE THREADS.
FIT NEW AXLE BEARINGS ONTO NEW AXLE THEN SET AXLE PRELOAD
AND TIGHTEN.
PULL THE AXLE REDUCTION HOUSING DOWN AND FOUND FAILED
BEARINGS AND DAMAGED GEARS.
FIT NEW BEARINGS ONTO NEW GEARS THEN SET THE BEARING
PRELOADS ON AXLE REDUCTION GEARS AND BEARINGS.
FIT AXLE REDUCTION HOUSING ONTO AXLE HOUSING.
FIT AXLE HOUSING ONTO AXLE CENTRE, TENSION ALL BOLTS.
LIFT THE AXLE INTO TRACTOR THEN TENSION ALL MOUNTING BOLTS.
FIT DRIVE WHEELS, TENSION BOLTS.
FIT TRACK TENSIONER PLATES.
FIT THE UNDERCARRIAGES AND MAIN PINS.
FIT ALL OIL LINES TO FRONT AXLE.
FIT THE FRONT AXLE DRIVE SHAFT.
FIT THE TWO FRONT TRACKS.
FIT THE FRONT OUTSIDE IDLER WHEELS, TENSION ALL BOLTS.
DRAIN THE HYDRAULIC TANK.
DRAIN REAR AXLE.
CLEAN OUT THE HYDRAULIC TANK.
REPLACE THE HYDRAULIC FILTERS.
FILL THE HYDRAULICS WITH OIL , USED OUT OF SERVICE TRAILER.
CLEAN UP WORK AREA AND TOOLING.
COMPLETE PAPERWORK.

R.O No. : M65572 R.O Date : 01/03/24 Dept : S
R0 total 35,522.15 Kilometres: 6465 Advisor No. : 691
Cus total 35,522.15 War total 0.00 Int total 0.00

Job number : 1 Operation 15IHZZ//01 Desc. BASE ELECTRICAL SYSTEM REPAIR/
Sale type : C Technician No(s). 748 329 511 761
Complaint : DIAGNOSE AND REPAIR CAUSE FOR STEERING FAULTS 15232 AND
15236
Cause : SHORTED CAN WIRING
Correction : TRAVEL OUT TO THE TRACTOR TO CHECK OUT STEERING FAULTS.
CHECK ALL FUSES IN FUSE PANEL REPLACE ONE 2 AMP FUSE FOR THE
LIGHTS.
CONNECT THE SERVICE TOOL TO CHECK FOR STEERING FAULTS, 15233
X 3, 15236 X 13, 15206 X 6.
ALL FAULTS CAME BACK TO A CAN PROBLEM.

CHECK WIRING HARNESS TO THE STEERING VALVE AND FOUND THE
CAN WIRES SHORTED ON A STEEL HYDRAULIC LINE.
REMOVE THE HARNESS FROM THE TRACTOR THEN REPAIR THE SHORTED
WIRING BY REMOVING PINS FROM CONNECTOR AND THEN REPAIR THE
TWO SHORTED WIRES.
FIT PINS BACK INTO CONNECTOR.
FIT HARNESS BACK INTO TRACTOR.
FIT ISOLATION OVER HARNESS.
CLEAR ALL FAULTS FROM TRACTOR.
TEST DRIVE TRACTOR, ALL OK.
RETURN TO WORKSHOP.
COMPLETE PAPERWORK.

Job number : 2 Operation 24IHZZZ09 Desc. TRAVEL RETAIL
Sale type : C Technician No(s). 329 511
Complaint : SEPARATING TRAVEL TIME FROM LABOUR TIME

Job number : 3 Operation 14IHZZ//01 Desc. FRONT LH BASE UNDERCARRIGE REP
Sale type : C Technician No(s). 303 329 748
Complaint : DIAGNOSE AND REPAIR CAUSE FOR LEAKING AXLE SEAL
Correction : CLEAN AROUND THE REAR DIFF.
REMOVE THE REAR TRACKS.
REMOVE THE REAR DRIVE SHAFT.
REMOVE THE DRAW BAR.
REMOVE THE UNDERCARRIAGES.
REMOVE THE DRIVE WHEELS.
REMOVE ALL OIL LINES TO REAR DIFF.
DRAIN OIL FROM REAR DIFF.
REMOVE ALL DIFF MOUNTING BOLTS.
LIFT DIFF DOWN WITH TWO FORKLIFTS.
TAKE DIFF OVER TO WASH BAY AND CLEAN IT AS REQUIRED.
REMOVE THE AXLE HOUSINGS OFF THE DIFF CENTRE.
PULL THE AXLE HOUSING DOWN AND CLEAN UP ALL PARTS.
REPLACE AXLE SEALS X 2.
REPLACE AXLE PRELOAD NUTS X 2.
SET UP THE AXLE BEARING PRELOAD ON AXLES.
FIT AXLES BACK ONTO DIFF CENTRE.
TAKE TE DIFF BACK OUT TO THE TRACTOR AND LIFT IT BACK INTO
PLACE.
FIT MOUNTING BOLTS AND TENSION THEM.
FIT ALL OIL LINES TO THE DIFF.
FIT THE REAR DRIVE SHAFT.
FIT THE DRIVE WHEELS.
FIT NEW BUSHES AND SEALS INTO UNDERCARRIAGES PIVOTS.
FIT THE UNDERCARRIAGE WITH NEW SPACER WASHERS.
FIT THE DRAWBAR.
FIT THE TWO REAR TRACKS.
FIT THE OUTSIDE IDLER WHEELS, TENSION BOLTS.
STAR THE TRACTOR TO FILL REAR DIFF WITH OIL.

Job number : 4 Operation 08IHZZ//01 Desc. BASE HYDRAULIC SYSTEM REPAIR/O
Sale type : C Technician No(s). 329 748
Complaint : DIAGNOSE AND REPAIR CAUSE FOR HYDRAULIC OIL LEAK
Correction : REMOVE THE HOSE UNDER FRONT OF THE CAB.
 HAD A NEW HOSE MADE UP AND FITTED NEW HOSE UNDER CAB.
 RIGHT SIDE STEERING CYLINDER LEAKING.
 REMOVE THE STEERING CYLINDER.
 CLEAN IT UP BY PRESSURE WASHING IT.
 PULL THE CYLINDER DOWN AND PUT A SEAL.
 KIT INTO IT THEN PUT IT BACK TOGETHER.
 FIT THE STEERING CYLINDER BOOK INTO TRACTOR.
 FIT PINS AND MOUNTING BOLTS.
 CLEAN AROUND THE SIDE OF TRANSMISSION THEN TIGHTEN THE HOSE
 CLAMPS ON THE SUCTION HOSES.

Job number : 5 Operation 17IHZZ//50 Desc. XXXX HOUR SERVICE
Sale type : C Technician No(s). 329 748 511 761
Complaint : CARRY OUT 6000 HOUR SERVICE AS REQUESTED
Cause : ROUTINE SERVICING
Correction : CARRY OUT 6000 HR SERVICE AS PER BELOW:
 CHECK THE TRANSMISSION OIL LEVEL
 CONNECT EST AND RETRIEVE ALL FAULT CODES. CLEAR ALL INACTIVE
 FAULTS. CARRY OUT ENGINE VALVE CLEARANCE AS REQUIRED
 CHANGE THE ENGINE OIL AND FILTER.
 CHANGE ENGINE CRANKCASE FILTER AND GASKETS.
 CHECK OVER THE ENGINE AND ALL ASSOCIATED PLUMBING TO VERIFY
 THAT NO OIL/COOLANT LEAKS ARE PRESENT. CHANGE FUEL FILTERS.
 REPLACE THE ENGINE COOLANT.

 CHECK ALL ENGINE CHARGE AIR SYSTEM HOSE CLAMPS FROM THE
 TURBO OUTLET THROUGH TO THE CHARGE AIR COOLER AND INTO THE
 ENGINE AIR INTAKE AIR HORN. VERIFY THAT ALL HOSES AND CLAMPS
 ARE MOUNTED CORRECTLY AND CLAMPS ARE SECURE. REPLACE BOTH
 THE PRIMARY AND SECONDARY ENGINE AIR FILTERS AND ENSURE THAT
 THEY ARE INSTALLED CORRECTLY. REPLACE THE ENGINE DRIVE BELT. CHECK
 ASSOCIATED PLUMBING FOR OIL LEAKS. CHECK OVER THE REAR DIFFERENTIAL
 ASSOCIATED PLUMBING FOR OIL LEAKS. DRAIN TRANSMISSION OIL.
 REFILL AS REQUIRED. REPLACE THE TRANSMISSION FILTER.
 DRAIN THE HYDRAULIC SYSTEM. THIS INCLUDES THE TANK AND
 DIFFS. REPLACE THE HYDRAULIC FILTERS.
 DISCONNECT AND REMOVE BOTH BATTERIES FROM THE MACHINE. CHECK
 ALL BATTERY CELL LEVELS AND TOP UP AS REQUIRED. TEST EACH
 BATTERY STATIC VOLTAGE. REINSTALL THE BATTERIES AND CHECK
 THAT THE BATTERY TERMINALS ARE CLEAN AND TIGHT. CHECK FOR CORRECT
 CHECK FOR THE CORRECT OPERATION OF THE ROTATING BEACONS.
 CHECK ALL HAZARD LIGHTS FOR CORRECT OPERATION.
 CHECK ALL TURN SIGNAL LIGHTS FOR CORRECT OPERATION IN BOTH
 DIRECTIONS. CHECK FOR THE CORRECT OPERATION OF ALL FIELD
 WORKING LIGHTS. VERIFY HIGH BEAM OPERATION IS FUNCTIONING
 CORRECTLY. OPEN FUEL TANK DRAIN VALVE AND ENSURE WATER SEDIMENT IS
 FROM FUEL TANK. REPLACE THE CABIN AIR FILTER. REPLACE THE CABIN
 CLEAN THE ENGINE RADIATOR, TRANSMISSION COOLER, CHARGE AIR
 COOLER, FUEL COOLER AND A/C CONDENSER WITH COMPRESSED AIR.
 ENTER THE PERFORMANCE MONITOR SERVICE INTERVAL AND RESET THE
 FOLLOWING FEATURES: ENGINE OIL AND FILTER CHANGE: 500 HOURS. FUEL
 BATTERY SERVICE: 500 HOURS.
 CABIN AIR FILTER CLEAN: 250 HOURS.
 CHECK OVER THE STEERING HYDRAULIC SYSTEM FOR ANY LEAKS.
 CHECK WHEEL DRIVE WHEEL AND IDLER HUB BOLT TENSIONS.
 VISUALLY CHECK FOR ANY IDLERS OR ROLLER ASSEMBLIES LEAKING.
 REFILL IDLERS AND ROLLERS WITH SPECIFIED OIL USING REQUIRED
 AMOUNT OF WYNN'S ADDITIVE. VERIFY THAT TRACKS ARE ALIGNED
 CORRECTLY. VERIFY THAT TRANSMISSION OIL PRESSURE IS WITHIN
 SPECIFICATION. SEE SERVICE MANUAL. GREASE COMPLETE MACHINE.
 THIS INCLUDES: ALL ARTICULATION POINTS (FRONT AND REAR),

CENTRE BEARINGS, STEERING PINS. REMOVE ALL RUBBISH FROM THE CABI
CABIN FLOOR INCLUDING THE AREA BEHIND THE OPERATORS SEAT. FIT SER

Job number : 6 Operation 14IHZZ//02 Desc. FRONT RH BASE UNDERCARRIGE REP
Sale type : C Technician No(s). 748 761 329
Complaint : DIAGNOSE AND REPAIR CAUSE FOR MISSING FRIR IDLER
Cause : BEARING LOCKED UP ON SHAFT
Correction : REMOVE SNAP RING
 REMOVE CAP
 REMOVER WASHER AND RETAINER BOLT
 REMOVE OUTTER BEARING
 REMOVE IDLER FROM SHAFT
 REMOVE SHAFT FROM UNDERCARRIAGE
 FIT NEW IDLER SHAFT TO UNDER CARRIAGE
 FIT NEW SEALS TO SHAFT
 FIT NEW INNER BEARING CUP
 FIT NEW INNER BEARING
 FIT NEW INNER SEAL
 FIT NEW OUTTER BEARING CUP
 FIT NEW FIT NEW IDLER TO SHAFT
 FIT NEW OUTER BEARING
 FIT WASHER AND REAINER BOLT
 FIT NEW IDLER CAP
 FIT NEW SNAP RING
 FILL WITH OIL
 FIT NEW FILLER CAP

Job number : 7 Operation 01IHZZ//05 Desc. ENGINE FUEL SYSTEM REPAIR
Sale type : C Technician No(s). 329 748
Complaint : DIAGNOSE AND REPAIR CAUSE FOR HARD STARTING
Cause : FUEL PUMP BEARING COLLAPSED
Correction : WHILE MACHINE AT THE WORKSHOP NOTICED FUEL AND OIL LEAKING
 FROM THE TELL TAIL HOLE ON THE PUMP. THEREFORE, THE PUMP ISN'T SU
 FOR THE INJECTORS. CONNECT PRESSURE GAUGE AND MONITOR THE FUEL PR
 FUEL PUMP PRESSURE PRESENTED LOW.
 DISASSEMBLE THE PUMP TO FIND THE HOUSING WORN.
 SOURCE NEW PUMP AND O'RING.
 CLEANING MOUNTING SURFACES.
 FIT NEW FUEL PUMP AND O'RING.
 CONNECT THE FUEL LINES TO THE PUMP WITH NOW WASHERS.
 PRIMES THE SYSTEM AND START THE MACHINE.
 MONITOR THE FUEL PRESSURE.
 PRESSURE READING AT THE TOP OF THE SPEC.
 CLEAN WORK AREA.
 JOB COMPLETE.

R.O No. : M65091 R.O Date : 06/11/23 Dept : S
R0 total 1,193.28 Kilometres: 5734 Advisor No. : 323
Cus total 0.00 War total 0.00 Int total 1,193.28

Job number : 1 Operation 03IHZZ//01 Desc. BASE TRANSMISSION REPAIR/OVERH
Sale type : I Technician No(s). 511 691
Complaint : DIAGNOSE AND REPAIR CAUSE FOR LOSS OF TRANSMISSION OIL
Cause : MOUNING HARWARE LOOSE ON FORTH SHAFT MASTER SOLENOID
Correction : CARRY OUT CHECKS FOUND OIL LEAKING FROM 4TH SHAFT MASTER
 SOLENOID ON FRONT OF TRANSMISSION , REMOVE MASTER SOLENOID
 HOUSING , CLEAN MATING SURFACES , REFIT HOUSING WOITH NEW
 GASKET . REFILL TRANSMISSION WITH OIL , RUN RECHECK FOR
 LEAKS ALL OK

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DISCONNECT BATTERIES
REMOVED BONNET
REMOVED WIRING FROM BACK OF CAB
REMOVED FLOOR MAT FROM CAB
REMOVED MOUNTING BOLTS FROM INSIDE CAB AND BACK OF CAB
REMOVED AIR HOSE FROM FRONT OF CAB
REMOVED CAB
REMOVED CAB FRAME FROM TOP OF TRANSMISSION
REMOVED DRIVE SHAFTS FRONT AND BACK
REMOVED HIGH SPEED SHAFT
REMOVED HYDRAULIC PUMP FROM FRONT OF TRANSMISSION
REMOVED HYDRAULIC FILTER HOUSING
REMOVED HOSES FROM HYDRAULIC TANK TO TRANSMISSION

LIFTED TRANSMISSION OUT
 CAPPED HOSES OFF
 WASHED TRANSMISSION
 NEW TRANSMISSION;
 UNLOAD TRANSMISSION FROM TRAILER
 DRAINED HYDRAULIC OIL
 FITTED HOSES BACK TO TRANSMISSION
 LIFTED TRANSMISSION BACK INTO FRAME
 REFITTED HOSES FROM HYDRAULIC TANK TO TRANSMISSION
 REFITTED HYDRAULIC FILTER HOUSING
 REFITTED HYDRAULIC PUMP FROM FRONT OF TRANSMISSION
 REFITTED HIGH SPEED SHAFT
 REFITTED FRONT AND BACK SHAFT
 REFITTED CAB FRAME FROM TOP OF TRANSMISSION
 REFITTED CAB
 REFITTED AIR HOSE FROM FRONT OF CAB
 REFITTED MOUNTING BOLTS FROM INSIDE CAB AND FROM BACK OF
 THE CAB
 REFITTED FLOOR MAT FROM CAB
 REFITTED WIRING FROM BACK OF CAB
 FILLED TRANSMISSION WITH HYD OIL
 CONNECT BATTERIES
 FITTED NEW RECIEVER DRYER
 VACED A/C SYSTEM DOWN
 GASSED A/C SYSTEM
 STARTED MACHINE
 CHECKED OIL
 FITTED BONNET
 DROVE MACHINE
 WASHED MACHINE
 THIS NEXT LIST WAS ON OLD TRANSMISSION:
 CHECK AND REPAIR TRANSMISSION AS REQUESTED.
 REMOVE ALL PIPES, HOSE WIRING FROM TRANSMISSION.
 REMOVE HYDRAULIC PUMP AND DRIVE UNIT FROM TRANSMISSION.
 REMOVE ALL DRIVE YOKES AND LAY TRANSMISSION ON REAR CASING.
 REMOVE ALL VALVE AND SHAFT MANIFOLD AND SPLIT TRANSMISSION
 CASE.
 REMOVE ALL SHAFTS AND DISMANTLE ALL SHAFT AS REQUIRED.
 FOUND BEARING FAILED ON GEARS ON FIRST AND SECOND SHAFT.
 ALSO THIRD SHAFT COUNTER GEAR LOOSE ON SHAFT.
 CARRY OUT QUOTE FOR REPAIRS.
 REASSEMBLE ALL SHAFT AND INSTALL IN REAR CASE AND FIT FRONT
 CASE.
 FIT ALL VALVES AND SHAFT MANIFOLDS.
 FIT ALL YOKES.
 INSTALL OLD FITTING FROM OLD GEARBOX TO NEW GEARBOX WITH
 NEW ORINGS.
 INSTALL HYDRAULIC PUMP DRIVE AND PUMP WITH NEW ORINGS.
 INSTALL ALL HYDRAULIC PIPES AND HOSES WITH NEW ORINGS.
 INSTALL TRANSMISSION HARNESS AND CONNECT ALL SWITCHES AND
 SENSORS.

Job number : 2 Operation 01IHZZ//01 Desc. BASE ENGINE REPAIR/OVERHAUL
 Sale type : C Technician No(s). 703
 Complaint : OIL LEAKING FROM BELL HOUSING RHS OF MOTOR
 Cause : GASKET FAILED
 Correction : REMOVED HOSES FROM FAN DRIVE MOTOR
 REMOVED GASKET
 REMOVED MOUNTING BOLTS FROM MOTOR
 REMOVED FAN DRIVE MOTOR
 REMOVED MAKING BOLTS FROM SPACER
 REMOVED SPACER
 REMOVED MOUNTING BOLTS FROM GEAR PUMP
 CLEANED SURFACES
 CLEANED O RINGS
 REFITTED GEAR PUMP
 TIGHTED MOUNTING BOLTS
 REFITTED SPACER
 TIGHTED MOUNTING BOLTS
 FITTED NEW GASKET

REFITTED FAN MOTOR
REFITTED HOSES
RUN MACHINE
CHECKED FOR LEAK
WASHED MACHINE

Job number : 3 Operation 01IHZZ//04

Desc. ENG LUBE SYS REPAIR

Sale type : C Technician No(s). 703
Complaint : OIL LEAK FROM TURBO
Cause : MISSING PIECE OF O RING IN TOP HOSE
Correction : FOUND WHERE OIL WAS COMING FROM
REMOVED CLAMP
LIFTED PIPE UP
THREE PIECES OF THE O RING FELL OUT
REMOVED BROKEN PIECES
CLEANED SURFACES
FITTED NEW O RING
MOUNTED SURFACES TOGETHER
REFITTED CLAMP
STARTED MACHINE
CHECKED FOR LEAKS
WASHED MACHINE

Job number : 4 Operation 15IHZZ//06 Desc. STARTING SYSTEM REPAIR
Sale type : C Technician No(s). 703
Complaint : STARTING PROBLEMS
Cause : FAILED STARTER MOTOR
Correction : DICONNECT THE BATTERIES
DISCONNECT THE LEADS OFF STARTER
REMOVED MOUNTING BOLTS
REMOVED STARTER MOTOR
CLEANED SURFACE
FITTED NEW STARTER MOTOR
FITTED LEADS
RECONNECTED BATTERIES
STARTED MACHINE
NO PROBLEMS

R.O No. : T8828 R.O Date : 01/08/23 Dept : S
RO total 1,940.18 Kilometres: 5498 Advisor No. : 410
Cus total 1,940.18 War total 0.00 Int total 0.00

Job number : 1 Operation 03IHZZ//01 Desc. BASE TRANSMISSION REPAIR/OVERH
Sale type : C Technician No(s). 703 723
Complaint : SERVICE AND INSPECT THE TRANSMISSION
Cause : REQUESTED DUE TO A NOISE IN THE TRANSMISSION
Correction : TRAVEL TO THE MACHINE
DROP THE TRANSMISSION OIL
REPLACE THE TRANSMISSION FILTER
INSPECT THE PLUG FOR ANY FOREIGN MATERIAL
FOUND THERE TO BE A PIECE OF METAL AROUND 4MM IN SIZE
ALSO FOUND QUIET A BIT OF METAL IN THE DRAIN TRAY AND OUT
OF THE FILTER
FILLED THE TRANSMISSION UP WITH OIL
CLEANED THE COOLING PACKAGE
RAN THE MACHINE TO GET THE TRANSMISSION TEMPERATURE UP
ENOUGH TO COMPLETE A TRANSMISSION CALIBRATION
CONNECTED THE EST TO THE MACHINE TO RECORD LIVE DATA SO AS
TO BE ABLE TO PICK UP ANY FAULTS BUT WAS NOT ABLE TO SEE ANY
NOTIFIED THE MANAGER AS TO THE AMOUNT OF METAL PRESENT IN
THE SYSTEM AND SUGGESTED THAT AN OVERALL OF THE
TRANSMISSION WOULD BE RECOMMENDED BEFORE THE PROBLEM GOT
ANY MORE SERVERE OR CAUSED GREATER DAMAGE
CLEAN UP WORK AREA AND COMPLETE PAPERWORK

Job number : 2 Operation 24IHZZZZ09 Desc. TRAVEL RETAIL
Sale type : C Technician No(s). 703 723
Complaint : SEPARATING TRAVEL TIME FROM LABOUR TIME

R.O No. : M64431 R.O Date : 17/07/23 Dept : S
R0 total 3,535.05 Kilometres: 5200 Advisor No. : 362
Cus total 3,535.05 War total 0.00 Int total 0.00

Job number : 1 Operation 01IHZZ//03 Desc. ENGINE COOLING SYSTEM REPAIR
Sale type : C Technician No(s). 329 727
Complaint : DIAGNOSE AND REPAIR NOISE AT FRONT OF ENGINE
Cause : FAILED IDLER PULLEY BEARINGS, BELT TENSIONER AND IDLER
Correction : TRAVEL TO TRACTOR TO CHECK OUT FAILED IDLER PULLEY BEARINGS.
FOUND MAIN IDLER PULLEY BEARINGS FAILED.
FOUND BELT TENSIONER BEARINGS HAD A LOT OF MOVEMENT.
FOUND IDLER BEARINGS NOISY
REMOVE THE MAIN IDLER PULLEY HOUSING FROM THE FRONT OF THE
ENGINE. PULL THE FAILED IDLER PULLEY OFF ITS HOUSING.
CLEAN UP ALL PARTS THEN FIT A NEW IDLER PULLEY ONTO ITS
HOUSING, TENSION MOUNTING BOLTS.
FIT IDLER PULLEY HOUSING BACK ONTO FRONT OF ENGINE, TENSION
ALL MOUNTING BOLTS.
REMOVE THE OTHER IDLER AND IT WAS REPLACED.
REMOVE THE CRANKSHAFT BALANCER SO WE COULD FIT A NEW BELT
TENSIONER.
FIT THE CRANKSHAFT BALANCER AND TENSION ALL MOUNTING BOLTS.
TOP UP THE ENGINE COOLING SYSTEM WITH COOLANT THAT THE
CUSTOMER SUPPLIED.
PACK UP EQUIPMENT.
RETURN TO WORKSHOP.
COMPLETE PAPERWORK.

Job number : 2 Operation 24IHZZZZZTRVL Desc. TRAVEL RETAIL
Sale type : C Technician No(s). 727 329
Complaint : SEPARATING TRAVEL TIME FROM LABOUR TIME

R.O No. : M64263 R.O Date : 15/06/23 Dept : S
RO total 437.80 Kilometres: 4831 Advisor No. : 362
Cus total 437.80 War total 0.00 Int total 0.00

Job number : 1 Operation 03IHZZ//01 Desc. BASE TRANSMISSION REPAIR/OVERH
Sale type : C Technician No(s). 329 748
Complaint : DIAGNOSE AND REPAIR TRANSMISSION NOISE AS REQUESTED
Cause : UNKNOWN, NOTHING FOUND
Correction : TRAVEL TO TRACTOR.
 WENT FOR A TEST DRIVE AND DID NOT FIND ANYTHING WRONG.
 CHECK TRANSMISSION OUTPUT UNIS FOR MOVEMENT, ALL FINE.
 RETURN TO WORKSHOP.
 COMPLETE PAPERWORK.

R.O No. : M63690 R.O Date : 23/02/23 Dept : S
RO total 1,792.35 Kilometres: 3776 Advisor No. : 323
Cus total 1,792.35 War total 0.00 Int total 0.00

Job number : 1 Operation 01IHZZ//01 Desc. BASE ENGINE REPAIR/OVERHAUL
Sale type : C Technician No(s). 680
Complaint : DIAGNOSE AND REPAIR ENGINE OIL LEAK
Cause : LEAKING GASKET ON FAN PUMP
Correction : TRAVEL TO MACHINE.
 RUN MACHINE.
 CLEAN AREA OF ENGINE BAY WHERE LEAK COULD BE.
 RUN MACHINE. ENGINE OIL LEAKING FROM THE HYDRAULIC FAN
 MOUNTING GASKET.
 REMOVE BATTERY LEADS FROM BATTERIES.
 REMOVE MOUNTING BOLTS TO STARTER MOTOR THEN REMOVE STARTER
 MOTOR.
 REMOVE MOUNTING BOLTS TO FAN DRIVE (BOLTS WHERE SEIZED).
 REMOVE PUMP THEN REMOVE GASKET (GASKET DAMAGED).
 INSTALL GASKET AND INSTALL RTV SILICON TO HELP SEAL GASKET.
 INSTALL BOLTS AND TIGHTEN FIRMLY.
 INSTALL STARTER MOTOR AND TIGHTEN MOUNT BOLTS.
 CONNECT BATTERIES.
 START MACHINE AND CHECK FOR LEAKS. NO LEAKS.
 PACK UP TOOLS.
 INSTALL GUARD.
 RETURN TO WORKSHOP.
 COMPLETE PAPERWORK.

Job number : 2 Operation 24IHZZZZZTRVL Desc. TRAVEL RETAIL
Sale type : C Technician No(s). 680
Complaint : SEPARATING TRAVEL TIME FROM LABOUR TIME

Comments : JAKE 0428 750 099

R.O No. : M63651 R.O Date : 20/02/23 Dept : S
RO total 1,389.80 Kilometres: 3770 Advisor No. : 610
Cus total 1,389.80 War total 0.00 Int total 0.00

Job number : 1 Operation 08IHZZ//01 Desc. BASE HYDRAULIC SYSTEM REPAIR/0

Sale type : C Technician No(s). 661
Complaint : DIAGNOSE AND REPAIR CAUSE FOR AXLE LUBE FAULT AS REQUIRED

Cause : FAULTY PRESSURE SWITCH
Correction : TRAVEL TO MORETON PLAINS AND LOCATE TRACTOR.
HOOK UP EST COMPUTER AND RECALL ALL CODES.
CARRY OUT TESTS AS PER CASE DIAGNOSTICS AND DETERMINED
PRESS SWITCH INTERMITTENT FAULT.
REPLACE SWITCH.
TEST RUN TRACTOR, NO FAULT REOCCURRED.

Job number : 2 Operation 24IHZZZ09 Desc. TRAVEL RETAIL
Sale type : C Technician No(s). 661
Complaint : SEPARATING TRAVEL TIME FROM LABOUR TIME

Job number : 3 Operation 01IHZZ//01 Desc. BASE ENGINE REPAIR/OVERHAUL
Sale type : C Technician No(s). 661
Complaint : DIAGNOSE AND REPAIR AIR INTAKE HOSE ON ENGINE
Correction : NOTICED AIR INTAKE HOSE SPLIT ON ENGINE.
RETURNED TO WORKSHOP AND SOURCE INTAKE HOSE FROM PARTS
DEPARTMENT.
RETURN TO TRACTOR.
REPLACE INTAKE HOSE.
TEST RUN TRACTOR, ALL OK.
PACK UP AND RETURN TO WORKSHOP.
COMPLETE PAPERWORK.

R.O No. : M63382 R.O Date : 12/01/23 Dept : S
RO total 99,507.85 Kilometres: 3665 Advisor No. : 610
Cus total 99,507.85 War total 0.00 Int total 0.00

Job number : 1 Operation 13IHZZ//03 Desc. FRONT LH TRACK REPLACEMENT AND
Sale type : C Technician No(s). 667 691 329 726 748 749
Complaint : REPLACE LHF TRACK AS REQUESTED
Cause : WORN
Correction : REMOVE COVERS ON TRACK FRAME.
PRESSURE CLEAN INSIDE FRAME AROUND SPRING TO HELP WITH
TRACK REMOVAL.
BRING INTO WORKSHOP.
JACK UP TRACTOR, SUPPORT ON STANDS.
DETENSION TRACKS.
REMOVE OUTER IDLERS.
PULL SPRING BACK INTO FRAME.
REMOVE OLD TRACK.
UNPACK NEW TRACK.
CLEAN UP FRAME.
FIT NEW TRACK TO TRACTOR.
REFIT OUTER IDLERS.
TENSION IDLER BOLTS.

Job number : 2 Operation 13IHZZ//04 Desc. FRONT RH TRACK REPLACEMENT AND
Sale type : C Technician No(s). 667 726
Complaint : REPLACE RHF TRACK AS REQUESTED
Cause : WORN
Correction : REMOVE COVERS ON TRACK FRAME.
PRESSURE CLEAN INSIDE FRAME AROUND SPRING TO HELP WITH
TRACK REMOVAL.
BRING INTO WORKSHOP.
JACK UP TRACTOR, SUPPORT ON STANDS.
DETENSION TRACKS.
REMOVE OUTER IDLERS.
PULL SPRING BACK INTO FRAME.
REMOVE OLD TRACK.
UNPACK NEW TRACK.
CLEAN UP FRAME.

FIT NEW TRACK TO TRACTOR.
REFIT OUTER IDLERS.
TENSION IDLER BOLTS.

Job number : 3 Operation 13IHZZ//05 Desc. REAR LH TRACK REPLACEMENT AND
Sale type : C Technician No(s). 667 748
Complaint : REPLACE LHR TRACK AS REQUESTED
Cause : WORN
Correction : REMOVE COVERS ON TRACK FRAME.
PRESSURE CLEAN INSIDE FRAME AROUND SPRING TO HELP WITH
TRACK REMOVAL.
BRING INTO WORKSHOP.
JACK UP TRACTOR, SUPPORT ON STANDS.
DETENSION TRACKS.
REMOVE OUTER IDLERS.
PULL SPRING BACK INTO FRAME.
REMOVE OLD TRACK.
UNPACK NEW TRACK.
CLEAN UP FRAME.
FIT NEW TRACK TO TRACTOR.
REFIT OUTER IDLERS.
TENSION IDLER BOLTS.

Job number : 4 Operation 13IHZZ//06 Desc. REAR RH TRACK REPLACEMENT AND
Sale type : C Technician No(s). 667
Complaint : REPLACE RHR TRACK A SREQUESTED
Cause : WORN
Correction : REMOVE COVERS ON TRACK FRAME.
PRESSURE CLEAN INSIDE FRAME AROUND SPRING TO HELP WITH
TRACK REMOVAL.
BRING INTO WORKSHOP.
JACK UP TRACTOR, SUPPORT ON STANDS.
DETENSION TRACKS.
REMOVE OUTER IDLERS.
PULL SPRING BACK INTO FRAME.
REMOVE OLD TRACK.
UNPACK NEW TRACK.
CLEAN UP FRAME.
FIT NEW TRACK TO TRACTOR.
REFIT OUTER IDLERS.
TENSION IDLER BOLTS.

Job number : 5 Operation 15IHZZ//01 Desc. BASE ELECTRICAL SYSTEM REPAIR/
Sale type : C Technician No(s). 749
Complaint : REPLACE RRFO MID ROLLER AS REQUESTED
Cause : DELAMINATED
Correction : JACK UP RH REAR.
DETENSION TRACK.
REMOVE DELAMINATED ROLLER.
FIT NEW BEARNIG TO NEW ROLLER.
FIT NEW SEALS TO ROLLER AND SHAFT.
FIT NEW ROLLER.
TENSION BOLTS.
FIT ORING CAP AND CIRCLIP.
FIT WITH OIL.
LOWER TO GROUND.
TENSION TRACK.

ADDITIONAL ROLLERS REQUESTED TO BE ORDERED ASSIGNED TO THIS
JOB
CUSTOMER TO COLLECT REMAING ROLLERS NOT REPLACED TO HAVE IN
WORKSHOP AS SPARE.

Job number : 6 Operation 01IHZZ//01 Desc. BASE ENGINE REPAIR/OVERHAUL
Sale type : C Technician No(s). 329 726 727 691 747 728
Complaint : DIAGNOSE AND REPAIR CAUSE FOR FUEL LEAK AT CYLINDER HEAD AS
REQUIRED
Cause : FUEL PLUGS LEAKING AT REAR OF HEAD
Correction : INSPECT LEAK AT RH REAR OF HEAD FOUND FUEL
LEAKING ALONG WITH HEAD GASKET LEAKING ON LH SIDE SUPPORT
AND LIFT BONNET OFF DRAIN COOLANT DISCONNECT
COOLANT LINES REMOVE INTAKE PIPES, COVER UP UNBOLT UPPER
FRAME, LIFT OFF REMOVE EXHAUST AND TURBO, COVER UP REMOVE
HEAT SHIELD RECOVER A/C GAS AND UNBOLT COMPRESSOR REMOVE
ROCKER AND TIMING COVER INSTALL TURN OVER TOOL, TIME ENGINE
REMOVE ROCKER SHAFT AND ROCKERS REMOVE TIMING GEAR UNBOLT
AND
REMOVE INJECTORS UNBOLT HEAD, SLING AND LIFT OFF INSPECT
FUEL LEAKING FROM REAR PLUGS AND HEAD GASKET WEEPING ORDER
PARTS DRILL PLUGS OUT OF REAR OF HEAD TAP HOLES INSTALL
PLUGS AND TENSION TO OEM SPECIFICATION FLUSH OUT FUEL
GALLERIES AND BLOW OUT CLEAN INJECTOR SEATS INSTALL TEST
INJECTORS AND PRESSURE TEST HEAD
NO LEAKS REMOVE TEST
INJECTORS , CLEAN HEAD SURFACE CLEAN BLOCK APPLY HYLOMA TO
HEAD GASKET AND FIT ON BLOCK LIFT HEAD INTO POSITION & FIT
TO
ENGINE FIT NEW HEAD BOLTS TENSION HEAD DOWN FIT NEW ORINGS
ON INJECTORS LEAK TEST, OK FIT ROCKER GEAR AND TENSION TO

OEM SPEC FIT CAM THRUST PLATE FIT GEAR AND TIME ENGINE FINE
TUNE SET UP TO ADVANCE SPECS CARRY OUT VALVE SET FIT
INJECTOR HARNESS - SECURE FIT NEW ROCKER COVER GASKET AND
TENSION COVER FIT REAR TIMING COVER AND TENSION BOLTS TO OEM
SPEC LIFT AND FIT AIR CLEANER FRAME INTO POSITION AND BOLT
DOWN
ROUTE PIPES AND HOSES, FIT PCLAMPS CONNECT UP CAC PIPES,
INSTALL TWO NEW BOOST HOSE AS THEY VULCANISED TO THE PIPES
AND SILICON TORE ON REMOVAL
REFIT A/C COMPRESSOR, EVACUATE AND RECHARGE, TEST FIT
EXHAUST PIPE SECURE FIT GUARDS AND CLAMPS FIT TURBO
CONNECT UP PIPES FIT COOLANT PIPES FILL COOLING SYSTEM,
FIT GUARDS AND BONNET RUN TEST
OPERATION WASH DOWN

Job number : 7 Operation 08IHZZ//09 Desc. HYDRAULIC SYSTEM REMOTE SYSTEM
Sale type : C Technician No(s). 667 329
Complaint : DIAGNOSE AND REPAIR EHR FAULT
Cause : INTERNAL FAULT WITH PILOT HEAD
Correction : DURING OPERATION OF MACHINE IT WAS NOTED THAT EHR FAULT WAS
ACTIVE IN NO.3 REMOTE
CONNECT EST AND CHECK FOR ANY ACTIVE FAULT CODES
FAUT ACTIVE FOR NO.3 SPOOL NOT RETURNING TO NEUTRAL
FOLLOW TROUBLESHOOTING AS PER WORKSHOP MANUAL
CARRY OUT ELECTRICAL TROUBLESHOOTING OF ALL RELATED CIRCUITS
CONNECT FLOW METER AND CHECK FLOWS FROM EACH REMOTE
FAULT FOR NO.3 WOULD ACTIVATE
REMOVE PILOT HEAD AND REMOVE SPOOL
VISUALLY INSPECT SPOOL AND VALVE BORE FOR ANY DAMAGE
NO DAMAGE VISABLE AND SPOOL MOVING FREELY IN BORE
ISOLATE FAULT TO FAULTY PILOT HEAD
SOURCE NEW PILOT HEAD
REPLACE PILOT HEAD USING NEW ORINGS WERE REQUIRED
ADD AND ASSIGN ALL REMOTE LEVERS AND PILOT HEADS
CHECK AND ENSURE ALL SOFTWARE IS UP TO DATE
OPERATE REMOTES AND ENSURE NO FURTHER FAULTS ARE ACTIVE
PACK AWAY TOOLING AND COMPLETE REQUIRED PAPERWORK

Job number : 8 Operation 17IHZZ//34 Desc. 3500 HOUR SERVICE
Sale type : C Technician No(s). 667 691
Complaint : CARRY OUT 3500 HR SERVICE
Cause : ROUTINE
Correction : CARRY OUT 3500 HR SERVICE AS PER BELOW:
CHECK THE TRANSMISSION OIL LEVEL.
WARM UP ENGINE TO OPERATING TEMPERATURE. STOP THE ENGINE
AND CHANGE THE ENGINE OIL AND FILTER
CHANGE ENGINE CRANKCASE FILTER AND GASKET.
CHECK OVER THE ENGINE AND ALL ASSOCIATED PLUMBING TO VERIFY
THAT NO OIL/COOLANT LEAKS ARE PRESENT.
CHANGE FUEL FILTERS
CHANGE THE HYDRAULIC AND TRANSMISSION FILTERS
CHECK THE ENGINE COOLANT LEVEL.
CHECK ALL ENGINE CHARGE AIR SYSTEM HOSE CLAMPS FROM THE
TURBO OUTLET THROUGH TO THE CHARGE AIR COOLER AND INTO THE
ENGINE AIR INTAKE AIR HORN. VERIFY THAT ALL HOSES AND
CLAMPS ARE MOUNTED CORRECTLY AND CLAMPS ARE SECURE.
CHECK THE CONDITION OF BOTH THE PRIMARY AND SECONDARY
ENGINE AIR FILTERS AND THAT THEY ARE INSTALLED CORRECTLY.
CHECK THE CONDITION OF THE ENGINE DRIVE BELT.
CHECK OVER THE TRANSMISSION AND ALL ASSOCIATED PLUMBING FOR
OIL LEAKS.
CHECK OVER THE REAR DIFFERENTIAL AND ALL ASSOCIATED
PLUMBING FOR OIL LEAKS.
DISCONNECT AND REMOVE BOTH BATTERIES FROM THE MACHINE.
CHECK ALL BATTERY CELL LEVELS AND TOP UP AS REQUIRED.
TEST EACH BATTERY STATIC VOLTAGE.
REINSTALL THE BATTERIES AND CHECK THAT THE BATTERY
TERMINALS ARE CLEAN AND TIGHT.
CHECK FOR CORRECT HORN OPERATION.
CHECK FOR THE CORRECT OPERATION OF THE ROTATING BEACONS.

CHECK ALL HAZARD LIGHTS FOR CORRECT OPERATION.
CHECK ALL TURN SIGNAL LIGHTS FOR CORRECT OPERATION IN BOTH DIRECTIONS.
CHECK FOR THE CORRECT OPERATION OF ALL FIELD WORKING LIGHTS. VERIFY HIGH BEAM OPERATION IS FUNCTIONING CORRECTLY.
OPEN FUEL TANK DRAIN VALVE AND ENSURE WATER SEDIMENT IS DRAINED FROM FUEL TANK.
REMOVE AND CLEAN THE CABIN AIR FILTER.
REMOVE AND CLEAN THE CABIN AIR RECYCLE FILTERS.
CHECK WHEEL DRIVE WHEEL AND IDLER HUB BOLT TENSIONS.
VISUALLY CHECK FOR ANY IDLERS OR ROLLER ASSEMBLIES LEAKING
VERIFY THAT TRACKS ARE ALIGNED CORRECTLY.
VERIFY THAT TRANSMISSION OIL PRESSURE IS WITHIN SPECIFICATION.
GREASE COMPLETE MACHINE. THIS INCLUDES: ALL ARTICULATION POINTS (FRONT AND REAR), CENTRE BEARINGS, STEERING PINS AND HITCH ASSEMBLY IF EQUIPPED.
REMOVE ALL RUBBISH FROM THE CABIN AND SWEEP OUT THE ENTIRE CABIN FLOOR INCLUDING THE AREA BEHIND THE OPERATORS SEAT.
FIT SERVICE STICKER.

Comments : TRACK SERIAL #'S
RHF: 0219 212958
LHF: 0322 611540
RHR: 0321 603348
LHR: 0322 611542

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Comments : ENGINE - 3132

Job number : 1 Operation 16IHZZ//01 Desc. BASE AIRCONDITIONING SYSTEM RE
Sale type : C Technician No(s). 692 728
Complaint : DIAGNOSE AND REPAIR CAUSE FOR LOSS OF AIR CON FUNCTIONS AS
REQUIRED
Cause : RUBBED HOSE
Correction : RECEIVED PARTS
LOADED WORK UTE
TRAVELLED TO MACHINE
LIFTED BONNET
CONNECTED A/C GAUGES TO SYSTEM
FOUND NO GAS IN SYSTEM INDICATING A LEAK WITHIN SYSTEM
PUT THE A/C SYSTEM UNDER VACUUM
SYSTEM WITHHELD VACUUM
GASSED SYSTEM
VISUALLY WENT OVER THE HVAC SYSTEM TO SEE OR HEAR ANY LEAK
AFTER TIME FOUND THE HIGH PRESSURE HOSE OFF THE A/C
COMPRESSOR TO CONDENSER HAD A PIN HOLE LEAK IN THE HOSE
WHERE IT GOES UNDERNEATH THE CHASSIS AND COOLING PACKAGE
DISCONNECTED GAUGES
DROPPED BONNET
TRAVELLED BACK TO WORKSHOP ORDERED CORRECT HOSE
RECEIVED HOSE FROM PARTS
TRAVELLED BACK TO MACHINE
REMOVED THE HIGH PRESSURE SWITCH FROM HOSE
REMOVED THE HIGH PRESSURE HOSE FROM SYSTEM
REMOVED ALL P CLAMPS HOLDING THE HOSE IN PLACE
FIT HIGH PRESSURE HOSE TO SYSTEM
REFIT P-CLAMPS

FIT NEW A/C ORINGS TO SYSTEM
TIGHTEN HOSE FITTINGS
REFIT HIGH PRESSURE SWITCH TO SYSTEM
VACCED SYSTEM DOWN
CHARGED SYSTEM WITH GAS UNTIL PRESSURES WERE IN SPEC
RUN MACHINE TO ENSURE COOLING OF AIR-CON, AIR-CON NOW
COOLING TO 3 DEGREES
DISCONNECTED A/C GAUGES
CLEANED WORK AREA
PACKED AWAY TOOLS
TRAVELLED BACK TO WORKSHOP
UNLOADED UTE
COMPLETED PAPERWORK

Job number : 2 Operation 24IHZZZZ09 Desc. TRAVEL RETAIL
Sale type : C Technician No(s). 692 728
Complaint : SEPARATING TRAVEL TIME FROM LABOUR TIME

Comments : BILL TO AFF TELLERGA AS PER SAM 15/8

R.O No. : M61223 R.O Date : 10/02/22 Dept : S
R0 total 6,367.50 Kilometres: 1939 Advisor No. : 323
Cus total 6,367.50 War total 0.00 Int total 0.00

Job number : 1 Operation 17IHZZ//20 Desc. 2000 HOUR SERVICE

Sale type : C Technician No(s). 680 728 708

Complaint : CARRY OUT 2000 HR SERVICE

Cause : ROUTINE SERVICING

Correction : TRAVEL TO MACHINE.

CARRY OUT 2000 HR SERVICE AS PER BELOW:

CHECK THE TRANSMISSION OIL LEVEL.

CONNECT EST AND RETRIEVE ALL FAULT CODES. CLEAR ALL
INACTIVE FAULTS.

CHANGE THE ENGINE OIL AND FILTER.

CHANGE ENGINE CRANKCASE FILTER AND GASKETS.

CHECK OVER THE ENGINE AND ALL ASSOCIATED PLUMBING TO VERIFY
THAT NO OIL/COOLANT LEAKS ARE PRESENT.

NOTE ANY LEAKS: WEEP AT CYLINDER HEAD.

CHANGE FUEL FILTERS.

CHECK THE ENGINE COOLANT LEVEL.

TOP UP BOTH THE COOLANT HEADER TANK AND OVER FLOW BOTTLE.
IF THE ENGINE IS AT OPERATING TEMPERATURE, TOP UP THE LEVEL
TO MIDWAY BETWEEN THE COLD LEVEL AND THE TOP OF THE BOTTLE.
CHECK ALL ENGINE CHARGE AIR SYSTEM HOSE CLAMPS FROM THE
TURBO OUTLET THROUGH TO THE CHARGE AIR COOLER AND INTO THE
ENGINE AIR INTAKE AIR HORN. VERIFY THAT ALL HOSES AND
CLAMPS ARE MOUNTED CORRECTLY AND CLAMPS ARE SECURE.

CHECK THE CONDITION OF BOTH THE PRIMARY AND SECONDARY
ENGINE AIR FILTERS AND THAT THEY ARE INSTALLED CORRECTLY.

CHECK THE CONDITION OF THE ENGINE DRIVE BELT.

CHECK OVER THE TRANSMISSION AND ALL ASSOCIATED PLUMBING FOR
OIL LEAKS.

CHECK OVER THE REAR DIFFERENTIAL AND ALL ASSOCIATED
PLUMBING FOR OIL LEAKS.

DISCONNECT AND REMOVE BOTH BATTERIES FROM THE MACHINE.

CHECK ALL BATTERY CELL LEVELS AND TOP UP AS REQUIRED.

TEST AND NOTE EACH BATTERY STATIC VOLTAGE.

REINSTALL THE BATTERIES AND CHECK THAT THE BATTERY
TERMINALS ARE CLEAN AND TIGHT.

CHECK FOR CORRECT HORN OPERATION.

CHECK FOR THE CORRECT OPERATION OF THE ROTATING BEACONS.

CHECK ALL HAZARD LIGHTS FOR CORRECT OPERATION.

CHECK ALL TURN SIGNAL LIGHTS FOR CORRECT OPERATION IN BOTH
DIRECTIONS.

CHECK FOR THE CORRECT OPERATION OF ALL FIELD WORKING
LIGHTS. VERIFY HIGH BEAM OPERATION IS FUNCTIONING CORRECTLY.

OPEN FUEL TANK DRAIN VALVE AND ENSURE WATER SEDIMENT IS
DRAINED FROM FUEL TANK.

REMOVE AND CLEAN THE CABIN AIR FILTER.

REMOVE AND CLEAN THE CABIN AIR RECYCLE FILTERS.

CLEAN THE ENGINE RADIATOR, TRANSMISSION COOLER, CHARGE AIR
COOLER, FUEL COOLER AND A/C CONDENSER WITH COMPRESSED AIR.

ENTER THE PERFORMANCE MONITOR SERVICE INTERVAL AND RESET
THE FOLLOWING FEATURES:

ENGINE OIL AND FILTER CHANGE: 500 HOURS.

FUEL FILTER CHANGE: 500 HOURS.

BATTERY SERVICE: 500 HOURS.

CABIN AIR FILTER CLEAN: 250 HOURS.

CHECK OVER THE STEERING HYDRAULIC SYSTEM FOR ANY LEAKS.

CHECK WHEEL DRIVE WHEEL AND IDLER HUB BOLT TENSIONS.

VISUALLY CHECK FOR ANY IDLERS OR ROLLER ASSEMBLIES LEAKING.
FILL OUT ATTACHED SHEET.

DRAIN ALL IDLER AND ROLLER ASSEMBLIES OF OIL.

REFILL IDLERS AND ROLLERS WITH SPECIFIED OIL USING REQUIRED
AMOUNT OF WYNN'S ADDITIVE.

VERIFY THAT TRACKS ARE ALIGNED CORRECTLY. PERFORM A TRACK
ALIGNMENT IF IT IS REQUIRED.

VERIFY THAT TRANSMISSION OIL PRESSURE IS WITHIN
SPECIFICATION.

GREASE COMPLETE MACHINE. THIS INCLUDES: ALL ARTICULATION
POINTS (FRONT AND REAR), CENTRE BEARINGS, STEERING PINS

AND HITCH ASSEMBLY IF EQUIPPED.
REMOVE ALL RUBBISH FROM THE CABIN AND SWEEP OUT THE ENTIRE
CABIN FLOOR INCLUDING THE AREA BEHIND THE OPERATOR'S SEAT.
FIT SERVICE STICKER.
PACK UP EQUIPMENT.
RETURN TO WORKSHOP.
COMPLETE PAPERWORK.

Job number : 2 Operation 24IHZZZ09 Desc. TRAVEL RETAIL
Sale type : C Technician No(s). 680 728
Complaint : SEPARATING TRAVEL TIME FROM LABOUR TIME

R.O No. : M61037 R.O Date : 10/01/22 Dept : S
RO total 5,441.85 Kilometres: 1721 Advisor No. : 323
Cus total 5,441.85 War total 0.00 Int total 0.00

Job number : 1 Operation 17IHZZ//15 Desc. 1500 HOUR SERVICE
Sale type : C Technician No(s). 680 692
Complaint : CARRY OUT 1500 HR SERVICE

Correction : BEFORE STARTING THE MACHINE CHECK THE TRANSMISSION OIL
LEVEL. (OIL MUST BE COLD AND ENGINE NOT RUNNING.)
CONNECT EST AND RETRIEVE ALL FAULT CODES. CLEAR ALL
INACTIVE FAULTS. ONCE FAULT CODES ARE RETRIEVED INFORM
SERVICE MANAGER ONCE YOU HAVE RETURNED TO THE SHOP.
WARM UP ENGINE TO OPERATING TEMPERATURE. STOP THE ENGINE
AND CHANGE THE ENGINE OIL AND FILTER. (MAKE SURE YOU USE
THE CORRECT SIZE SPANNER AND NOT A SHIFTER.)
CHANGE ENGINE CRANKCASE FILTER AND GASKETS. (MAKE SURE
BOLTS ARE TIGHTENED TO SPECIFIED TORQUE.)
CHECK OVER THE ENGINE AND ALL ASSOCIATED PLUMBING TO VERIFY
THAT NO OIL/COOLANT LEAKS ARE PRESENT.
NOTE ANY LEAKS: .

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CHANGE FUEL FILTERS.
CHECK THE ENGINE COOLANT LEVEL. (CHECK WHETHER THE SYSTEM
IS OAT)
TOP UP BOTH THE COOLANT HEADER TANK AND OVER FLOW BOTTLE.
IF THE ENGINE IS AT OPERATING TEMPERATURE, TOP UP THE LEVEL
TO MIDWAY BETWEEN THE COLD LEVEL AND THE TOP OF THE BOTTLE.
CHECK ALL ENGINE CHARGE AIR SYSTEM HOSE CLAMPS FROM THE
TURBO OUTLET THROUGH TO THE CHARGE AIR COOLER AND INTO THE
ENGINE AIR INTAKE AIR HORN. (VERIFY THAT ALL HOSES AND
CLAMPS ARE MOUNTED CORRECTLY AND CLAMPS ARE SECURE.)
REPLACE BOTH THE PRIMARY AND SECONDARY ENGINE AIR FILTERS
AND ENSURE THAT THEY ARE INSTALLED CORRECTLY.
REPLACE THE ENGINE DRIVE BELT.
CHECK OVER THE TRANSMISSION AND ALL ASSOCIATED PLUMBING FOR
OIL LEAKS.
NOTE ANY LEAKS: .

CHECK OVER THE REAR DIFFERENTIAL AND ALL ASSOCIATED
PLUMBING FOR OIL LEAKS.
NOTE ANY LEAKS: .

DRAIN TRANSMISSION OIL. REFILL AS REQUIRED.
REPLACE THE TRANSMISSION FILTER.
DRAIN THE HYDRAULIC SYSTEM. THIS INCLUDES THE TANK AND
DIFFS.
REPLACE THE HYDRAULIC FILTERS
DISCONNECT AND REMOVE BOTH BATTERIES FROM THE MACHINE.
CHECK ALL BATTERY CELL LEVELS AND TOP UP IF REQUIRED.
TEST AND NOTE EACH BATTERY STATIC VOLTAGE.
REINSTALL THE BATTERIES AND CHECK THAT THE BATTERY

TERMINALS ARE CLEAN AND TIGHT.

CHECK FOR CORRECT HORN OPERATION.

CHECK FOR THE CORRECT OPERATION OF THE ROTATING BEACONS.

CHECK ALL HAZARD LIGHTS FOR CORRECT OPERATION.

CHECK ALL TURN SIGNAL LIGHTS FOR CORRECT OPERATION IN BOTH

DIRECTIONS.
CHECK FOR THE CORRECT OPERATION OF ALL FIELD WORKING
LIGHTS. VERIFY HIGH BEAM OPERATION IS FUNCTIONING CORRECTLY.
OPEN FUEL TANK DRAIN VALVE AND ENSURE WATER SEDIMENT IS
DRAINED FROM FUEL TANK.
REPLACE THE CABIN AIR FILTER.
REPLACE THE CABIN AIR RECYCLE FILTERS.
CLEAN THE ENGINE RADIATOR, TRANSMISSION COOLER, CHARGE AIR
COOLER, FUEL COOLER AND A/C CONDENSER WITH COMPRESSED AIR.
ENTER THE PERFORMANCE MONITOR SERVICE INTERVAL AND RESET
THE FOLLOWING FEATURES:
ENGINE OIL AND FILTER CHANGE: 500 HOURS.
FUEL FILTER CHANGE: 500 HOURS.
BATTERY SERVICE: 500 HOURS.
CABIN AIR FILTER CLEAN: 250 HOURS.
CHECK OVER THE STEERING HYDRAULIC SYSTEM FOR ANY LEAKS.
CHECK WHEEL DRIVE WHEEL AND IDLER HUB BOLT TENSIONS. (SEE
OPERATOR'S MANUAL) 490-550 FT/LB
VISUALLY CHECK FOR ANY IDLERS OR ROLLER ASSEMBLIES LEAKING.
FILL OUT ATTACHED SHEET. CHECK OIL LEVELS AND REFILL AS
REQUIRED.
VERIFY THAT TRACKS ARE ALIGNED CORRECTLY. PERFORM A TRACK
ALIGNMENT IF IT IS REQUIRED.
VERIFY THAT TRANSMISSION OIL PRESSURE IS WITHIN
SPECIFICATION. SEE SERVICE MANUAL.
GREASE COMPLETE MACHINE.
THIS INCLUDES: ALL ARTICULATION POINTS (FRONT AND REAR),
CENTRE BEARINGS, STEERING PINS AND HITCH ASSEMBLY IF
EQUIPPED.
REMOVE ALL RUBBISH FROM THE CABIN AND SWEEP OUT THE ENTIRE
CABIN FLOOR INCLUDING THE AREA BEHIND THE OPERATOR'S SEAT.
FIT SERVICE STICKER.

Job number : 2 Operation 24IHZZZ09 Desc. TRAVEL RETAIL
Sale type : C Technician No(s). 680 692
Complaint : SEPARATING TRAVEL TIME FROM LABOUR TIME

R.O No. : M59998 R.O Date : 18/08/21 Dept : S
R0 total 5,714.65 Kilometres: 1066 Advisor No. : 323
Cus total 5,714.65 War total 0.00 Int total 0.00

Job number : 1 Operation 17IHZZ//10 Desc. 1000 HOUR SERVICE
Sale type : C Technician No(s). 686 691
Complaint : CARRY OUT 1000 HR SERVICE
Correction : LOAD SUPPLIES AND TRAVEL TO JOB

CARRY OUT SERVICE AS PER CHECKLIST
BEFORE STARTING THE MACHINE CHECK THE TRANSMISSION OIL
LEVEL. OIL MUST BE COLD AND ENGINE NOT RUNNING.
CONNECT EST AND RETRIEVE ALL FAULT CODES. CLEAR ALL
INACTIVE FAULTS. ONCE FAULT CODES ARE RETRIEVED INFORM
SERVICE MANAGER ONCE YOU HAVE RETURNED TO THE SHOP.
WARM UP ENGINE TO OPERATING TEMPERATURE. STOP THE ENGINE
AND CHANGE THE ENGINE OIL AND FILTER. MAKE SURE YOU USE THE
CORRECT SIZE SPANNER AND NOT A SHIFTER.
CHANGE ENGINE CRANKCASE FILTER AND GASKETS. MAKE SURE BOLTS
ARE TIGHTENED TO SPECIFIED TORQUE.
CHECK OVER THE ENGINE AND ALL ASSOCIATED PLUMBING TO VERIFY
THAT NO OIL/COOLANT LEAKS ARE PRESENT.
NO LEAKS
CHANGE FUEL FILTERS.
CHECK THE ENGINE COOLANT LEVEL. CHECK WHETHER THE SYSTEM IS
OAT
TOP UP BOTH THE COOLANT HEADER TANK AND OVER FLOW BOTTLE.
IF THE ENGINE IS AT OPERATING TEMPERATURE, TOP UP THE LEVEL
TO MIDWAY BETWEEN THE COLD LEVEL AND THE TOP OF THE BOTTLE.
CHECK ALL ENGINE CHARGE AIR SYSTEM HOSE CLAMPS FROM THE

TURBO OUTLET THROUGH TO THE CHARGE AIR COOLER AND INTO THE
 ENGINE AIR INTAKE AIR HORN. VERIFY THAT ALL HOSES AND
 CLAMPS ARE MOUNTED CORRECTLY AND CLAMPS ARE SECURE.
 CHECK THE CONDITION OF BOTH THE PRIMARY AND SECONDARY
 ENGINE AIR FILTERS AND THAT THEY ARE INSTALLED CORRECTLY.
 CHANGED
 CHECK THE CONDITION OF THE ENGINE DRIVE BELT.
 CHECK OVER THE TRANSMISSION AND ALL ASSOCIATED PLUMBING FOR
 OIL LEAKS.
 NOTE ANY LEAKS LEFT SIDE OF TRANSMISSION
 CHECK OVER THE REAR DIFFERENTIAL AND ALL ASSOCIATED
 PLUMBING FOR OIL LEAKS.
 NO LEAKS
 DISCONNECT AND REMOVE BOTH BATTERIES FROM THE MACHINE.
 CHECK ALL BATTERY CELL LEVELS AND TOP UP IF REQUIRED.
 TEST AND NOTE EACH BATTERY STATIC VOLTAGE.
 REINSTALL THE BATTERIES AND CHECK THAT THE BATTERY
 TERMINALS ARE CLEAN AND TIGHT.
 CHECK FOR CORRECT HORN OPERATION.
 CHECK FOR THE CORRECT OPERATION OF THE ROTATING BEACONS.
 CHECK ALL HAZARD LIGHTS FOR CORRECT OPERATION.
 CHECK ALL TURN SIGNAL LIGHTS FOR CORRECT OPERATION IN BOTH
 DIRECTIONS.
 CHECK FOR THE CORRECT OPERATION OF ALL FIELD WORKING
 LIGHTS. VERIFY HIGH BEAM OPERATION IS FUNCTIONING CORRECTLY.
 OPEN FUEL TANK DRAIN VALVE AND ENSURE WATER SEDIMENT IS
 DRAINED FROM FUEL TANK.
 REMOVE AND CLEAN THE CABIN AIR FILTER.
 REMOVE AND CLEAN THE CABIN AIR RECYCLE FILTERS.
 CLEAN THE ENGINE RADIATOR TRANSMISSION COOLER CHARGE AIR
 COOLER FUEL COOLER AND AC CONDENSER WITH COMPRESSED AIR.
 ENTER THE PERFORMANCE MONITOR SERVICE INTERVAL AND RESET
 THE FOLLOWING FEATURES:
 ENGINE OIL AND FILTER CHANGE 500 HOURS.
 FUEL FILTER CHANGE 500 HOURS.
 BATTERY SERVICE 500 HOURS.
 CABIN AIR FILTER CLEAN 250 HOURS.
 CHECK OVER THE STEERING HYDRAULIC SYSTEM FOR ANY LEAKS.
 CHECK WHEEL DRIVE WHEEL AND IDLER HUB BOLT TENSIONS. SEE
 OPERATORS MANUAL 490-550 FTLB
 VISUALLY CHECK FOR ANY IDLERS OR ROLLER ASSEMBLIES LEAKING.
 FILL OUT ATTACHED SHEET.
 READ THE OPERATORS MANUAL FOR RECOMMENDED OILS IN IDLERS
 AND ROLLERS. ADD WYNN'S ADDITIVE TO EACH COMPONENT.
 DRAIN ALL IDLER AND ROLLER ASSEMBLIES OF OIL.
 TAKE NOTE IF ANY FINE METAL IS PRESENT AND RECORD ON THE
 ATTACHED SHEET. MAKE SURE THE SERVICE MANAGER IS INFORMED
 OF ANY FINDINGS.
 REFILL IDLERS AND ROLLERS WITH SPECIFIED OIL USING REQUIRED
 AMOUNT OF WYNN'S ADDITIVE.
 VERIFY THAT TRACKS ARE ALIGNED CORRECTLY. PERFORM A TRACK
 ALIGNMENT IF IT IS REQUIRED.
 VERIFY THAT TRANSMISSION OIL PRESSURE IS WITHIN
 SPECIFICATION. SEE SERVICE MANUAL.
 GREASE COMPLETE MACHINE.
 THIS INCLUDES ALL ARTICULATION POINTS FRONT AND REAR CENTRE
 BEARINGS STEERING PINS AND HITCH ASSEMBLY IF EQUIPPED.
 REMOVE ALL RUBBISH FROM THE CABIN AND SWEEP OUT THE ENTIRE
 CABIN FLOOR INCLUDING THE AREA BEHIND THE OPERATORS SEAT.
 FIT SERVICE STICKER.
 FOUND OIL LEAK LEFT SIDE OF TRANSMISSION AGAINST THE
 CHASSIS RAIL
 CLEAN AROUND RUBBER HOSE
 LOOSEN MOUNT BOLT FOR THE STEEL HOSE
 SLIDE RUBBER HOSE OVER BOTH STEEL HOSES SO IT IS CENTRED
 CLEAN AROUND AND RUN MACHINE TO CHECK FOR LEAKS
 NO MORE LEAKS FOUND FRONT RIGHT OUTER REAR IDLE CAP LEAKING
 WHEN OIL WAS DRAINED TO INSPECT THE ORING
 ORING WAS FLAT
 FIT NEW CAP AND ORING

TEST DRIVE MACHINE
CHECK FOR LEAKS

Job number : 2 Operation 24IHZZZZ09 Desc. TRAVEL RETAIL
Sale type : C Technician No(s). 686 691
Complaint : SEPARATING TRAVEL TIME FROM LABOUR TIME

R.O No. : M59560 R.O Date : 01/06/21 Dept : S
R0 total 5,033.50 Kilometres: 945 Advisor No. : 323
Cus total 5,033.50 War total 0.00 Int total 0.00

Job number : 1 Operation 17IHZZ//10 Desc. 1000 HOUR SERVICE

Sale type : C Technician No(s). 426 689 661

Complaint : CARRY OUT 1000 HR SERVICE AS REQUIRED

Cause : ROUTINE SERVICING

Correction : TRAVEL TO MACHINE.

CARRY OUT 1000 HR SERVICE AS PER BELOW:

CHECK THE TRANSMISSION OIL LEVEL

CONNECT EST AND RETRIEVE ALL FAULT CODES. CLEAR ALL
INACTIVE FAULTS.

CHANGE THE ENGINE OIL AND FILTER.

CHANGE ENGINE CRANKCASE FILTER AND GASKETS.

CHECK OVER THE ENGINE AND ALL ASSOCIATED PLUMBING TO VERIFY
THAT NO OIL/COOLANT LEAKS ARE PRESENT.

CHANGE FUEL FILTERS.

CHECK THE ENGINE COOLANT LEVEL.

CHECK ALL ENGINE CHARGE AIR SYSTEM HOSE CLAMPS FROM THE
TURBO OUTLET THROUGH TO THE CHARGE AIR COOLER AND INTO THE
ENGINE AIR INTAKE AIR HORN. VERIFY THAT ALL HOSES AND
CLAMPS ARE MOUNTED CORRECTLY AND CLAMPS ARE SECURE.

CHECK THE CONDITION OF BOTH THE PRIMARY AND SECONDARY
ENGINE AIR FILTERS AND THAT THEY ARE INSTALLED CORRECTLY.

CHECK THE CONDITION OF THE ENGINE DRIVE BELT.

CHECK OVER THE TRANSMISSION AND ALL ASSOCIATED PLUMBING FOR
OIL LEAKS.

CHECK OVER THE REAR DIFFERENTIAL AND ALL ASSOCIATED
PLUMBING FOR OIL LEAKS.

DISCONNECT AND REMOVE BOTH BATTERIES FROM THE MACHINE.

CHECK ALL BATTERY CELL LEVELS AND TOP UP AS REQUIRED.

TEST AND NOTE EACH BATTERY STATIC VOLTAGE. 12.3, 12.5.

REINSTALL THE BATTERIES AND CHECK THAT THE BATTERY
TERMINALS ARE CLEAN AND TIGHT.

CHECK FOR CORRECT HORN OPERATION.

CHECK FOR THE CORRECT OPERATION OF THE ROTATING BEACONS.

CHECK ALL HAZARD LIGHTS FOR CORRECT OPERATION.

CHECK ALL TURN SIGNAL LIGHTS FOR CORRECT OPERATION IN BOTH
DIRECTIONS.

CHECK FOR THE CORRECT OPERATION OF ALL FIELD WORKING
LIGHTS. VERIFY HIGH BEAM OPERATION IS FUNCTIONING CORRECTLY.
OPEN FUEL TANK DRAIN VALVE AND ENSURE WATER SEDIMENT IS
DRAINED FROM FUEL TANK.

REPLACE THE CABIN AIR FILTER.

CLEAN THE CABIN AIR RECYCLE FILTERS.

CLEAN THE ENGINE RADIATOR, TRANSMISSION COOLER, CHARGE AIR
COOLER, FUEL COOLER AND A/C CONDENSER WITH COMPRESSED AIR.

ENTER THE PERFORMANCE MONITOR SERVICE INTERVAL AND RESET
THE FOLLOWING FEATURES:

ENGINE OIL AND FILTER CHANGE: 500 HOURS.

FUEL FILTER CHANGE: 500 HOURS.

BATTERY SERVICE: 500 HOURS.

CABIN AIR FILTER CLEAN: 250 HOURS.

CHECK OVER THE STEERING HYDRAULIC SYSTEM FOR ANY LEAKS.

CHECK WHEEL DRIVE WHEEL AND IDLER HUB BOLT TENSIONS.

VISUALLY CHECK FOR ANY IDLERS OR ROLLER ASSEMBLIES LEAKING.

DRAIN ALL IDLER AND ROLLER ASSEMBLIES OF OIL.

VERIFY THAT TRACKS ARE ALIGNED CORRECTLY. PERFORM A TRACK
ALIGNMENT IF IT IS REQUIRED.

VERIFY THAT TRANSMISSION OIL PRESSURE IS WITHIN
SPECIFICATION.

GREASE COMPLETE MACHINE. THIS INCLUDES: ALL ARTICULATION
POINTS (FRONT AND REAR), CENTRE BEARINGS, STEERING PINS
AND HITCH ASSEMBLY IF EQUIPPED.

REMOVE ALL RUBBISH FROM THE CABIN AND SWEEP OUT THE ENTIRE

CABIN FLOOR INCLUDING THE AREA BEHIND THE OPERATOR'S SEAT.
FIT SERVICE STICKER.
CLEAN UP WORK AREA AND TOOLING.
TRAVEL TO WORKSHOP.
COMPLETE PAPERWORK/STORY.

Job number : 2 Operation 24IHZZZ09 Desc. TRAVEL RETAIL
Sale type : C Technician No(s). 426 689
Complaint : SEPARATING TRAVEL TIME FROM LABOUR TIME

R.O No. : M59363 R.O Date : 03/05/21 Dept : S
R0 total 2,371.65 Kilometres: 773 Advisor No. : 610
Cus total 2,371.65 War total 0.00 Int total 0.00

Job number : 1 Operation 17IHZZ//05 Desc. 250 HOUR SERVICE
Sale type : C Technician No(s). 689 702
Complaint : CARRY OUT 750 HR SERVICE AS REQUIRED
Cause : ROUTINE MAINTENANCE
Correction : BEFORE STARTING THE MACHINE CHECK THE TRANSMISSION OIL
LEVEL. (OIL MUST BE COLD AND ENGINE NOT RUNNING.)
CONNECT EST AND RETRIEVE ALL FAULT CODES. CLEAR ALL
INACTIVE FAULTS. ONCE FAULT CODES ARE RETRIEVED INFORM
SERVICE MANAGER ONCE YOU HAVE RETURNED TO THE SHOP.
WARM UP ENGINE TO OPERATING TEMPERATURE. STOP THE ENGINE
AND CHANGE THE ENGINE OIL AND FILTER.
CHECK OVER THE ENGINE AND ALL ASSOCIATED PLUMBING TO VERIFY
THAT NO OIL/COOLANT LEAKS ARE PRESENT.
NOTE ANY LEAKS:
CHANGE FUEL FILTERS.
CHECK THE ENGINE COOLANT LEVEL. (CHECK WHETHER THE SYSTEM
IS OAT)
TOP UP BOTH THE COOLANT HEADER TANK AND OVER FLOW BOTTLE.
IF THE ENGINE IS AT OPERATING TEMPERATURE, TOP UP THE LEVEL
TO MIDWAY BETWEEN THE COLD LEVEL AND THE TOP OF THE
BOTTLE.
CHECK ALL ENGINE CHARGE AIR SYSTEM HOSE CLAMPS FROM THE
TURBO OUTLET THROUGH TO THE CHARGE AIR COOLER AND INTO THE
ENGINE AIR INTAKE AIR HORN. (VERIFY THAT ALL HOSES AND
CLAMPS ARE MOUNTED CORRECTLY AND CLAMPS ARE SECURE.)
CHECK THE CONDITION OF BOTH THE PRIMARY AND SECONDARY
ENGINE AIR FILTERS AND THAT THEY ARE INSTALLED CORRECTLY.
CHECK THE CONDITION OF THE ENGINE DRIVE BELT.
CHECK OVER THE TRANSMISSION AND ALL ASSOCIATED PLUMBING FOR
OIL LEAKS.
NOTE ANY LEAKS:
CHECK OVER THE REAR DIFFERENTIAL AND ALL ASSOCIATED
PLUMBING FOR OIL LEAKS.
NOTE ANY LEAKS:
DISCONNECT AND REMOVE BOTH BATTERIES FROM THE MACHINE.
CHECK ALL BATTERY CELL LEVELS AND TOP UP IF REQUIRED.
TEST AND NOTE EACH BATTERY STATIC VOLTAGE.
REINSTALL THE BATTERIES AND CHECK THAT THE BATTERY
TERMINALS ARE CLEAN AND TIGHT.
CHECK FOR CORRECT HORN OPERATION.
CHECK FOR THE CORRECT OPERATION OF THE ROTATING BEACONS.
CHECK ALL HAZARD LIGHTS FOR CORRECT OPERATION.
CHECK ALL TURN SIGNAL LIGHTS FOR CORRECT OPERATION IN BOTH
DIRECTIONS.
CHECK FOR THE CORRECT OPERATION OF ALL FIELD WORKING
LIGHTS. VERIFY HIGH BEAM OPERATION IS FUNCTIONING
CORRECTLY.
OPEN FUEL TANK DRAIN VALVE AND ENSURE WATER SEDIMENT IS
DRAINED FROM FUEL TANK.
REMOVE AND CLEAN THE CABIN AIR FILTER.
REMOVE AND CLEAN THE CABIN AIR RECYCLE FILTERS.
CLEAN THE ENGINE RADIATOR, TRANSMISSION COOLER, CHARGE AIR

COOLER, FUEL COOLER AND A/C CONDENSER WITH COMPRESSED AIR.
ENTER THE PERFORMANCE MONITOR SERVICE INTERVAL AND RESET
THE FOLLOWING FEATURES:
ENGINE OIL AND FILTER CHANGE: 500 HOURS.
FUEL FILTER CHANGE: 500 HOURS.
BATTERY SERVICE: 500 HOURS.
CABIN AIR FILTER CLEAN: 250 HOURS.
CHECK OVER THE STEERING HYDRAULIC SYSTEM FOR ANY LEAKS.
CHECK WHEEL DRIVE WHEEL AND IDLER HUB BOLT TENSIONS. (SEE
OPERATOR'S MANUAL) 490-550 FT/LB
VISUALLY CHECK FOR ANY IDLERS OR ROLLER ASSEMBLIES LEAKING.
FILL OUT ATTACHED SHEET.
VERIFY THAT TRACKS ARE ALIGNED CORRECTLY. PERFORM A TRACK
ALIGNMENT IF IT IS REQUIRED.
VERIFY THAT TRANSMISSION OIL PRESSURE IS WITHIN
SPECIFICATION. SEE SERVICE MANUAL.
GREASE COMPLETE MACHINE.
THIS INCLUDES: ALL ARTICULATION POINTS (FRONT AND REAR),
CENTRE BEARINGS, STEERING PINS AND HITCH ASSEMBLY IF
EQUIPPED.
REMOVE ALL RUBBISH FROM THE CABIN AND SWEEP OUT THE ENTIRE
CABIN FLOOR INCLUDING THE AREA BEHIND THE OPERATOR'S SEAT.
FIT SERVICE STICKER.

Job number : 2 Operation 24IHZZZ09 Desc. TRAVEL RETAIL
Sale type : C Technician No(s). 689
Complaint : SEPARATING TRAVEL TIME FROM LABOUR TIME

R.O No. : M59354 R.O Date : 29/04/21 Dept : S
RO total 7,023.17 Kilometres: 701 Advisor No. : 610
Cus total 0.00 War total 6,608.17 Int total 415.00

Job number : 1 Operation 14IHZZ//03 Desc. REAR LH BASE UNDERCARRIGE REPA
Sale type : W Technician No(s). 691 511
Complaint : CHECK CAUSE FOR EXCESSIVE MOVEMENT IN REAR LEFT FRONT INNER
 IDLER WHEEL
Cause : IDLER WHEEL BOLTS SHEAR OFF

Correction : CARRY OUT CHECK FOUND IDLER WHEEL BOLTS SHEARED OFF CAUSING
DAMAGE TO IDLER HUB AND ELONGATING THE BOLT HOLES IN IDLER
WHEEL. RELEASE TRACK TENSION REMOVE IDLER WHEEL REMOVE HUB
INSTALL NEW BEARINGS SEALS TO NEW HUB REFIT HUB TO
UNDERCARRIAGE . REFIT NEW IDLER WHEEL WITH NEW BOLTS TOP UP
OIL
RUN RECHECK ALL OK

Warranty	:	Claim no.	Operation no.	Claim no.	Operation no.
		302100162	14IHZZ//03		

Job number : 2 Operation 14IHZZ//04 Desc. REAR RH BASE UNDERCARRIGE REPA
Sale type : W Technician No(s). 691 610 511
Complaint : APPEAL CLAIM FROM REPAIRS IN JOB 1 NOT ORIGINALLY PAID

Warranty	:	Claim no.	Operation no.	Claim no.	Operation no.
		302100167	14IHZZ//04		

Job number : 3 Operation 24IHZZZZZZ Desc. MISCELLANEOUS CODES
Sale type : I Technician No(s). 511
Complaint : TRAVEL NOT RECOVERABLE UNDER WARRANTY

R.O No. :	M58877	R.O Date :	01/02/21	Dept :	S
RO total	2,212.43	Kilometres:	422	Advisor No. :	610
Cus total	1,160.21	War total	0.00	Int total	1,052.22

Job number : 1 Operation 17IHZZ//08 Desc. 500 HOUR SERVICE
Sale type : C Technician No(s). 680 691
Complaint : CARRY OUT 500 HR AS REQUIRED
Cause : ROUTINE SERVICING
Correction : TRAVEL TO MACHINE.

CARRY OUT 500 HR SERVICE AS PER BELOW:
CHECK THE TRANSMISSION OIL LEVEL.
CONNECT EST AND RETRIEVE ALL FAULT CODES. CLEAR ALL INACTIVE FAULTS.
CHANGE THE ENGINE OIL AND FILTER.
CHANGE ENGINE CRANKCASE FILTER AND GASKET.
CHECK OVER THE ENGINE AND ALL ASSOCIATED PLUMBING TO VERIFY THAT NO OIL/COOLANT LEAKS ARE PRESENT.
CHANGE FUEL FILTERS
CHANGE THE HYDRAULIC AND TRANSMISSION FILTERS
CHECK THE ENGINE COOLANT LEVEL. TOP UP BOTH THE COOLANT HEADER TANK AND OVER FLOW BOTTLE.
CHECK ALL ENGINE CHARGE AIR SYSTEM HOSE CLAMPS FROM THE TURBO OUTLET THROUGH TO THE CHARGE AIR COOLER AND INTO THE ENGINE AIR INTAKE AIR HORN. VERIFY THAT ALL HOSES AND CLAMPS ARE MOUNTED CORRECTLY AND CLAMPS ARE SECURE.
CHECK THE CONDITION OF BOTH THE PRIMARY AND SECONDARY ENGINE AIR FILTERS AND THAT THEY ARE INSTALLED CORRECTLY.
CHECK THE CONDITION OF THE ENGINE DRIVE BELT.
CHECK OVER THE TRANSMISSION AND ALL ASSOCIATED PLUMBING FOR OIL LEAKS.
CHECK OVER THE REAR DIFFERENTIAL AND ALL ASSOCIATED PLUMBING FOR OIL LEAKS.
DISCONNECT AND REMOVE BOTH BATTERIES FROM THE MACHINE.
CHECK ALL BATTERY CELL LEVELS AND TOP UP AS REQUIRED.
TEST AND NOTE EACH BATTERY STATIC VOLTAGE.
REINSTALL THE BATTERIES AND CHECK THAT THE BATTERY TERMINALS ARE CLEAN AND TIGHT.
CHECK FOR CORRECT HORN OPERATION.
CHECK FOR THE CORRECT OPERATION OF THE ROTATING BEACONS.
CHECK ALL HAZARD LIGHTS FOR CORRECT OPERATION.
CHECK ALL TURN SIGNAL LIGHTS FOR CORRECT OPERATION IN BOTH DIRECTIONS.
CHECK FOR THE CORRECT OPERATION OF ALL FIELD WORKING LIGHTS. VERIFY HIGH BEAM OPERATION IS FUNCTIONING CORRECTLY.
OPEN FUEL TANK DRAIN VALVE AND ENSURE WATER SEDIMENT IS DRAINED FROM FUEL TANK.
REMOVE AND CLEAN THE CABIN AIR FILTER.
REMOVE AND CLEAN THE CABIN AIR RECYCLE FILTERS.
CLEAN THE ENGINE RADIATOR, TRANSMISSION COOLER, CHARGE AIR

COOLER, FUEL COOLER AND A/C CONDENSER WITH COMPRESSED AIR.
ENTER THE PERFORMANCE MONITOR SERVICE INTERVAL AND RESET
THE FOLLOWING FEATURES:
ENGINE OIL AND FILTER CHANGE: 500 HOURS.
FUEL FILTER CHANGE: 500 HOURS.
BATTERY SERVICE: 500 HOURS.
CABIN AIR FILTER CLEAN: 250 HOURS.
CHECK OVER THE STEERING HYDRAULIC SYSTEM FOR ANY LEAKS.
CHECK WHEEL DRIVE WHEEL AND IDLER HUB BOLT TENSIONS.
VISUALLY CHECK FOR ANY IDLERS OR ROLLER ASSEMBLIES LEAKING.
VERIFY THAT TRACKS ARE ALIGNED CORRECTLY. PERFORM A TRACK
ALIGNMENT AS REQUIRED.
VERIFY THAT TRANSMISSION OIL PRESSURE IS WITHIN
SPECIFICATION. SEE SERVICE MANUAL.
GREASE COMPLETE MACHINE. THIS INCLUDES: ALL ARTICULATION
POINTS (FRONT AND REAR), CENTRE BEARINGS, STEERING PINS
AND HITCH ASSEMBLY IF EQUIPPED.
REMOVE ALL RUBBISH FROM THE CABIN AND SWEEP OUT THE ENTIRE
CABIN FLOOR INCLUDING THE AREA BEHIND THE OPERATOR'S SEAT.
FIT SERVICE STICKER.
CLEAN UP WORK AREA AND TOOLING.
TRAVEL TO WORKSHOP.
COMPLETE PAPERWORK/STORY.

Job number : 2 Operation 17IHZZ//41 Desc. FIRST SERV PARTS
Sale type : I Technician No(s). 610 680 691
Complaint : SERVICE PARTS CHARGED TO PARTS AT PRE DELIVERY

Job number : 3 Operation 24IHZZZZ09 Desc. TRAVEL RETAIL
Sale type : C Technician No(s). 680 691
Complaint : SEPARATING TRAVEL TIME FROM LABOUR TIME

R.O No. : M58848 R.O Date : 21/01/21 Dept : S
R0 total 753.96 Kilometres: 301 Advisor No. : 610
Cus total 0.00 War total 232.71 Int total 521.25

Job number : 1 Operation 01IHZZ//05 Desc. ENGINE FUEL SYSTEM REPAIR

Sale type : W Technician No(s). 691
Complaint : DIAGNOSE AND REPAIR CAUSE FOR FUEL LEAK AS REQUIRED
Cause : GASKET BETWEEN ECM AND ENGINE BLOCK NOT SEALING CORRECTLY

Correction : CARRY OUT TROUBLESHOOTING CHECKS FOUND DEISEL LEAKING BTWEEN
ENGINE ECM AND BLOCK . REMOVE ECM FROM ENGIEN CLEAN MATING
SURFACES REFIT ECM WITH NEW GASKET . WASH DOWN DEISEL SLEAK
AND
SPLILLAGE FROM ENGINE RUN TRACTOR RECHECK FOR LEAKS ALL OK

Warranty : Claim no. Operation no. Claim no. Operation no.
 302100027 01IHZZ//05

Job number : 2 Operation 24IHZZZZZTRVL Desc. TRAVEL RETAIL
Sale type : I Technician No(s). 691
Complaint : SEPARATING TRAVEL TIME FROM LABOUR TIME

R.O No. : M58527 R.O Date : 16/11/20 Dept : S
RO total 1,230.44 Kilometres: 72 Advisor No. : 610
Cus total 0.00 War total 1,104.94 Int total 125.50

Job number : 1 Operation 16IHZZ//01 Desc. BASE AIRCONDITIONING SYSTEM RE
Sale type : W Technician No(s). 661
Complaint : REPAIR CAUSE FOR INOPERATIVE AIR CON AS REQUIRED
Cause : AC COMPRESSOR SEAL NOT SEALING
Correction : TRAVEL TO "MILO" AND LOCATE TRACTOR.
TEST RUN TRACTOR, NO COOL AIR FROM VENTS.
FIT GAUGES AND CHECK PRESSURES.
LOW REFRIGERANT LEVEL AND PRESSURE, 5LS 120 HS.
DISCHARGE AIR COND SYSTEM.
REPLACE COMPRESSOR.
CHANGE RECEIVER DRIER.
EVACUATE SYSTEM (1HR).
CHARGE SYSTEM WITH REFRIGERANT.
TEST RUN CNAD CHECK PRESSURES (25 PSI LS) (275 PSI HS).
VENT TEMP 20 DEGREES AT 44 AMBIENT TEMP.
CLEAN UP WORK AREA AND TOOLING.
TRAVEL TO WORKSHOP.
COMPLETE PAPERWORK/STORY.

Warranty : Claim no. Operation no. Claim no. Operation no.
 302000374 16IHZZ//01

Job number : 2 Operation 24IHZZZZ09 Desc. TRAVEL RETAIL
Sale type : I Technician No(s). 661
Complaint : SEPARATING TRAVEL TIME FROM LABOUR TIME

R.O No. : M58340 R.O Date : 30/10/20 Dept : S
RO total 580.50 Kilometres: 10 Advisor No. : 610
Cus total 0.00 War total 580.50 Int total 0.00

Job number : 1 Operation 24IHZZ//07 Desc. CASEIH UPDATE PROG
Sale type : W Technician No(s). 511
Complaint : CARRY OUT MANDATORY PIP CA1420 AS REQUIRED
Cause : CA1420 COMPLETE
Correction : TRAVEL TO TRACTOR AND CARRY OUT LEVEL 1 OF PIP CA1420 NOW
COMPLETE

Warranty	:	Claim no.	Operation no.	Claim no.	Operation no.
		302000351	24IHZZ//07		

R.O No. :	M57662	R.O Date :	02/07/20	Dept :	S
R0 total	369.04	Kilometres:	4	Advisor No. :	610
Cus total	0.00	War total	369.04	Int total	0.00

Job number : 1 Operation 24IHZZZZZ Desc. MISCELLANEOUS CODES
Sale type : W Technician No(s). 661
Complaint : TRACTOR WILL NOT START

Cause : PRIMARY BATTERY NOT HOLDING CHARGE

Correction : CARRY OUT BATTERY CHECKS FOUND PRIMARY BATTERY 6.8 VOLT AND
SECONDARY AT 12.6 REMOVED BATTERY CHARGED RECHECK 12.6 CARRY
OUT LOAD TEST FELL TO 7VOLTS BATTERY NOT HOLDING CHARGE
INSTALL
NEW PRIMARY BATTERY A RECHECK STARTING FAULT ALL OK

Warranty : Claim no. Operation no. Claim no. Operation no.
302000211 24IHZZZZZ

R.O No. :	M57661	R.O Date :	01/07/20	Dept :	S
R0 total	9,329.54	Kilometres:	4	Advisor No. :	610
Cus total	0.00	War total	0.00	Int total	9,329.54

Job number : 1 Operation 17IHZZ//01 Desc. PREDELIVERY SERVICE
Sale type : I Technician No(s). 661 691 329 511 684
Complaint : CARRY OUT PRE DELIVERY AS REQUIRED
Correction : CARRY OUT PRE DELIVERY AS PER CHECK LIST

JACK TRACK FRAMES DETENSION TRACK AND LOCATE ALL IDLER AND
MID ROLLER FILL PLUGS TO TOP POSITION
REMOVE PLUGS AND DRILL OUT FILL HOLES TO 10MM
REMOVE 50ML OF TRACK OIL FROM MID ROLLERS AND 100ML FROM
IDLERS AND REFILL WITH WYNNS OIL
CHECK THE ENGINE OIL LEVEL.
CHECK THAT ENGINE SUMP PLUG IS TIGHT
CHECK THE TRANSMISSION OIL LEVEL. CHECK THE LEVEL BEFORE
STARTING THE TRACTOR WHILST COLD
CHECK THAT THE TRANSMISSION DRAIN BUNG IS TIGHT
CHECK HYDRAULIC TANK OIL LEVEL. AFTER HALF HOUR ON
CONTINUOUS OPERATION AND ENGINE SHUTDOWN
CHECK THAT HYDRAULIC TANK PLUG IS TIGHT.
DO NOT MIX OAT COOLANT. CHECK BEFORE TOPPING UP
CHECK ENGINE COOLANT LEVEL. ONLY AFTER ENGINE HAS REACHED
OPERATING TEMPERATURE WITH THE HEATER ON FOR AT LEAST 5
MINUTES MAKE SURE THE COOLANT OVERFLOW BOTTLE IS FILLED TO
CORRECT LEVEL.
TIGHTEN ALL COOLING SYSTEM CLAMPS INCLUDING RADIATOR HOSES,
HEATER HOSES, AND COOLANT HEADER TANK HOSE CLAMPS.
CHECK ENGINE PROTECTION SCA LEVEL. CHECK WITH FLEETGAURD
COOLANT TEST STRIPS.ACCEPTABLE RANGE 0.3-0.8
CHECK THE ENGINE COOLANT GLYCOL
FIT EXHAUST TUBE EXTENSION AND SECURE INTO POSITION
FIT INTAKE AIR TUBE HAT AND SECURE INTO POSITION
TIGHTEN ALL ENGINE AIR INTAKE SYSTEM HOSE CLAMPS. FROM THE
AIR CLEANER HOUSING THROUGH TO THE TURBO INLET.
CHECK THE PLASTIC PLUGS IN THE FRONT OF THE AIR CLEANER
ASSEMBLY. ABOVE THE INTAKE TUBE REPLACE WITH BRASS BUNG.
TIGHTEN ALL THE ENGINE CHARGE AIR SYSTEM HOSE CLAMPS FROM

THE TURBO OUTLET THROUGH TO THE CHARGE AIR COOLER.
CHECK THE CONDITION OF BOTH THE PRIMARY AND SECONDARY
ENGINE AIR FILTERS. MAKE SURE THEY ARE INSTALLED CORRECTLY.
CHECK OVER THE ENGINE AND ALL ASSOCIATED PLUMBING
ELECTRICAL LOOMS TO ENSURE CORRECT ROUTING AND THAT THEY
ARE SECURE TO PREVENT CHAFFING. CABLE TIE AS REQUIRED.
CHECK OVER THE ENGINE AND ALL ASSOCIATED PLUMBING FOR OIL
COOLANT LEAKS
CHECK THE CONDITION OF FAN BELTS INCLUDING ALIGNMENT. MAKE
SURE NO RESIDUE IS PRESENT ON THE BELT CAUSING IT TO SLIP.
CHECK THAT BOTH FRONT AND REAR DIFFERENTIAL DRAIN PLUGS ARE
TIGHT.
CHECK OVER THE FRONT AND REAR DIFFERENTIAL AND ALL
ASSOCIATED PLUMBING ELECTRICAL LOOMS TO ENSURE CORRECT
ROUTING AND THAT THEY ARE SECURE TO PREVENT CHAFFING. CABLE
TIE AS REQUIRED.
CHECK OVER THE FRONT AND REAR DIFFERENTIAL AND ALL
ASSOCIATED PLUMBING FOR OIL LEAKS.
INSTALL GREASE LINE TO REAR PIVOT PIN ABOVE REMOTES SO IT
IS EASIER FOR OPERATORS TO GREASE.
CHECK OVER THE TRANSMISSION AND ALL ASSOCIATED
PLUMBING/ELECTRICAL LOOMS TO ENSURE CORRECT ROUTING AND
THAT THEY ARE SECURE TO PREVENT CHAFFING. CABLE TIE AS
REQUIRED.
CHECK OVER TRANSMISSION AND ALL ASSOCIATED PLUMBING FOR OIL
LEAKS.
DISCONNECT BATTERIES FROM THE MACHINE. CHECK ALL BATTERY
CELL ELECTROLYTE LEVELS.
TEST AND NOTE EACH BATTERY STATIC VOLTAGE.
INBOARD BATTERY 12.5 OUTBOARD BATTERY 12.9
IF BELOW 12.40VOLTS CHARGE BOTH AND ADVISE THE SERVICE
MANAGER.
REINSTALL THE BATTERIES. MAKE SURE TERMINALS ARE CLEAN AND
TIGHT.
REMOVE AND CLEAN ALL TERMINAL ENDS OF ALL PAINT ON THE
CHASSIS TO BATTERY EARTH LEAD. ALL CABIN EARTH LEADS LH
REAR CORNER UNDERNEATH THE CABIN. ONE TO CHASSIS IN THE
BATTERY BOX. FROM THE ENGINE BLOCK TO CHASSIS ON THE FRONT
OF THE ENGINE AND FROM THE ENGINE BLOCK TO THE AC
COMPRESSOR.
CHECK FOR THE CORRECT OPERATION OF THE ALTERNATOR. SET
ENGINE SPEED TO 1200RPM AND NOTE BATTERY VOLTAGE WITH NO
LIGHTS ON UNLOADED. TEST AGAIN WITH LIGHTS ON. LOADED
NO LOAD 13.4 FULL LOAD 13.1
VOLTAGE DROP SHOULD BE NO MORE THAN 0.5 VOLTS
INSTALL THE ROTATING BEACONS AND CHECK FOR CORRECT
OPERATION.
CHECK ALL TURN SIGNAL LIGHTS FOR CORRECT OPERATION IN BOTH
DIRECTIONS.
CHECK ALL HAZARD LIGHTS FOR CORRECT OPERATION.
CHECK ALL FIELD WORKING LIGHTS FOR CORRECT OPERATION.
INCLUDING HIGH BEAM
CHECK FOR CORRECT HORN OPERATION
CHECK WINDSHIELD WASHER FOR BOTH THE FRONT AND REAR FOR
CORRECT OPERATION. TOP UP WASHER BOTTLE AFTER BEING TESTED.
CONNECT THE AC GAUGES TO THE SYSTEM AND CHECK FOR CORRECT
AC OPERATION. PLEASE NOTE BOTH THE HIGH AND LOW PRESSURES
VENT OUTLET TEMPERATURE. ADJUST REFRIGERANT PRESSURES IN
ACCORDANCE WITH THE PRESSURE TEMPERATURE CHART IN THE
SERVICE MANUAL. ENGINE MUST BE AT OPERATING TEMPERATURE SET
TO 1500RPM AND ALL CABIN DOORS WINDOWS OPEN.
AMBIENT TEMPERATURE 18
LOW SIDE PRESSURE 15 PSI
HIGH SIDE PRESSURE 200 PSI
VENT OUTLET TEMPERATURE 5
CONNECT THE EST AND CHECK ALL CONTROLLERS FOR ANY FAULT
CODES.
IF ANY REPORT TO SERVICE MANAGER
ENSURE THE MACHINE IS NOT SPEED LIMITED IN THE MACHINE
CONFIGURATION SCREEN.

CHECK AND DOWNLOAD THE LATEST CONTROLLER SOFTWARE VERSIONS
TO ALL CONTROLLERS AS REQUIRED. NOTE CONTROLLER SOFTWARE
VERSIONS INSTALLED IN EACH CONTROLLER. IF IN DOUBT CHECK
WITH THE SERVICE MANAGER.

ARMREST ACM 1.50.0.
HVAC ATC 3.0.0.0
ENGINE ECU
INTEGRATED CONTROL PANEL ICP 1.0.0.0
PERFORMANCE MONITOR PRO 700 3.7.00
TRANSMISSION TCU 14.6.0.0
ISOBUS TECU 2.2.0.0

SET THE CORRECT MACHINE MODEL CODE IN MACHINE CONFIGURATION
SCREEN.

NOTE CODE ENTERED QUADTRAC 500 T2 NUMBER 165

CONNECT TO THE ENGINE ECU USING EASY ON THE EST AND INSPECT
FOR FAULT CODES. IF ANY ARE RECORDED INFORM SERVICE MANAGER.

ENTER THE INSTRUMENT CONTROLLER ICU OPERATION SETUP MENU
AND SET UP ALL PARAMETERS AS REQUIRED IN ACCORDANCE WITH
THE SERVICE OPERATORS MANUAL.

ENTER THE ICU CONTROLLER CONFIGURATION CNT CONF MENU AND
SET UP ALL THE PARAMETERS AS REQUIRED IN ACCORDANCE WITH
THE SERVICE OPERATORS MANUAL.

ENTER THE PERFORMANCE MONITOR SERVICE INTERVAL SET UP MENU
AND SET AS FOLLOWS

ENGINE OIL AND FILTER CHANGE 300HRS
ENGINE FUEL FILTER CHANGE 300HRS
BATTERY SERVICE 300HRS
COOLANT FILTER CHANGE 1200HRS
ENGINE COOLANT CHANGE 2100HRS
ENGINE AIR FILTER CHANGE 1200HRS
TRANSMISSION OIL AND FILTER CHANGE 1500HRS
HYDRAULIC OIL AND FILTER CHANGE 1500HRS

CALIBRATE THE ARMREST CONTROLLER ACM AND ALL CONTROLS IN
ACCORDANCE TO THE SERVICE MANUAL. REMOTE LEVERS ETC.

CONNECT A FLOW METER TO A REMOTE VALVE AND OPERATE THE
REMOTE VALVE CONTINUALLY TO WARM THE HYDRAULIC OIL UP TO 60
DEGREES C. CHECK THE HYDRAULIC TANK TEMPERATURE BY USING A
RAY TECH GUN OR IN THE ICU.

REGULATED PRESSURE

CONNECT A PRESSURE GAUGE TO THE REGULATED TEST PRESSURE
PORT AT THE REAR OF THE MACHINE. CHECK PRESSURE IN
ACCORDANCE WITH THE SERVICE MANUAL AND ADJUST TO 320 PSI.
PLEASE NOTE THE SETTING.

REGULATED PRESSURE 370

HIGH AND LOW PRESSURE STANDBY

NOTE: TRACTORS EQUIPPED WITH TRAILER BRAKES LPSB IS 700 PSI

CONNECT A GAUGE TO THE PFC OUTLET PRESSURE PORT ON THE
STEERING PRIORITY VALVE IN THE BATTERY BOX

START TRACTOR AND RUN AT 1500RPM

ADJUST THE LPSB PRESSURE TO 650 PSI.

STROKE A REMOTE TO CHECK THE HPSB.

ADJUST THE HPSB PRESSURE TO 3050 PSI.

PLEASE NOTE THE FINAL PRESSURES.

LOW PRESSURE STANDBY 650

HIGH PRESSURE STANDBY 3050

STEERING RELIEF PRESSURE

CONNECT A GAUGE ONTO TEST FITTING ON THE LEFT HAND SIDE
STEERING RAM. FITTING IS LOCATED ON THE REAR HOSE UNDER THE
FUEL TANK

START TRACTOR AND CHECK PRESSURE WITH THE STEERING ON LOCK.

STEERING RELIEF PRESSURE 2650 ADJUSTED

CHARGE PRESSURE

CONNECT A PRESSURE GAUGE TO THE PFC PUMP INLET PORT
PRESSURE TEST FITTING. IN THE BATTERY BOX NEXT TO THE
FILTER HEAD

START THE TRACTOR AND RUN AT 2000RPM MINIMUM CHARGE
PRESSURE IS 50 PSI.

CHARGE PRESSURE 100

AXLE LUBE PRESSURE

CONNECT A PRESSURE GAUGE TO THE AXLE LUBRICATION PRESSURE TEST PORT. ON THE REAR BOTTOM OF THE FRONT AXLE. CHECK THE LUBE PRESSURE IN ACCORDANCE WITH THE SERVICE MANUAL. PRESSURE MUST BE A MINIMUM OF 25 PSI AT 1500RPM AT 60 DEGREES C.

AXLE LUBE PRESSURE 25

HYDRAULIC FAN LPSB & HPSB SETTINGS

THE SAME TEST PROCEDURE IS USED FOR ALL MODELS. HOWEVER THE PRESSURES DO VARY IN DIFFERENT MODELS. PLEASE READ THE FULL TEST PROCEDURE AND SPECIFICATIONS BEFORE ANY TESTS ARE ATTEMPTED.

TEST PROCEDURE

TO CHECK LPSB

ENGINE NOT RUNNING

CONNECT A GAUGE. TEST FITTING IN PUMP

DISCONNECT THE SUPPLY LINE AT THE COOLERS ON THE RIGHT HAND SIDE FROM THE PFC PUMP TO THE FAN MOTOR.

CAP THE SUPPLY LINE.

UNPLUG THE ACTUAL WIRING HARNESS FROM THE TRACTOR TO THE SOLENOID.

CONNECT 12 VOLTS TO THE SOLENOID ON THE PUMP. FROM A BATTERY CART

DONT LEAVE THIS ON THE SOLENOID TOO LONG AS IT WILL SHORT THE COIL.

START THE TRACTOR AND RUN AT 1500RPM TO TEST THE LPSB.

LPSB 500 ADJUSTED

IF LPSB NEEDS ADJUSTING CARRY OUT AS SPECIFIED IN THE SERVICE MANUAL.

TO CHECK HPSB

MAKE SURE MACHINE IS SHUTDOWN OTHERWISE DAMAGE CAN OCCUR TO THE TIMING GEARS.

LEAVE THE SUPPLY LINE CAPPED.

LEAVE TRACTOR WIRING UNPLUGGED.

DISCONNECT THE 12 VOLTS FROM THE BATTERY CART TO THE SOLENOID.

START TRACTOR AND RUN AT 1500 RPM TO CHECK HPSB.

HPSB 3850 ADJUSTED

IF HPSB NEEDS ADJUSTING CARRY OUT AS SPECIFIED IN THE SERVICE MANUAL.

PRESSURES FOR DIFFERENT MODELS

STEIGER 350 400 & 450

SHOULD HAVE A VISCOUS FAN HUB

STEIGER 500 WITH 38 INCH FAN

LPSB 290 PSI. AFTER CONTINUOUS AC FAULTS WE ARE ADJUSTING THIS TO 500PSI.

HPSB 3850 PSI.

INSTALL THE AUXILIARY VALVE CALIBRATION TOOL INTO CONNECTOR NUMBER C686M LOCATED UNDER THE RIGHT HAND CONSOLE. (UNDER THE RUBBER TRAY). CONNECT HYDRAULIC TEST FITTING INTO LOAD SENSE PORT. REAR OF MACHINE LEFT HAND SIDE, MIDDLE FITTING. CALIBRATE THE REMOTE VALVES IN ACCORDANCE WITH THE SERVICE MANUAL AFTER HEATING OIL UP.

ENSURE THAT THE TRANSMISSION OIL TEMPERATURE IS ABOVE 60 DEGREES C. CALIBRATE THE TRANSMISSION IN ACCORDANCE WITH THE SERVICE MANUAL.

CHECK THE MASTER CLUTCH FOR SMOOTH ENGAGEMENT. IF NOT INFORM THE SERVICE MANAGER.

CHECK FOR CORRECT OPERATION OF THE SAFETY START CIRCUIT.

PLACE THE FNRP LEVER IN BOTH FORWARD AND REVERSE AND ATTEMPT TO START THE ENGINE.

CHECK THE OPERATION OF THE OPERATOR PRESENCE CIRCUIT. STAND IN THE CAB WITH THE ENGINE RUNNING AND TRY TO PLACE IN FORWARD AND REVERSE. THE MACHINE SHOULDNT MOVE AND INSTRUMENT DISPLAY SHOULD GIVE YOU A WARNING.

CHECK THAT THE STEERING COLUMN TILT AND TELESCOPE FUNCTIONS WORK CORRECTLY.

CHECK OPERATION OF THE REVERSE ALARM.

CHECK THAT THE STEERING SYSTEM FUNCTIONS CORRECTLY BY TURNING THE MACHINE FROM LOCK TO LOCK. CHECK FOR LEAKS ON STEERING SYSTEM.

CHECK ALL REMAINING CABIN AND ARMREST CONTROL FUNCTIONS
FOOT ACCELERATOR INTERIOR LIGHTS AND EXTERNAL ELECTRIC
MIRRORS FOR CORRECT FUNCTIONING.
CHECK THE SERVICE BRAKES FOR CORRECT OPERATION.
CHECK THE CABIN DOOR FOR CORRECT ALIGNMENT. ALSO MAKE SURE
DOOR LATCH IS CORRECTLY ADJUSTED AND LUBRICATED.
CHECK THE OPERATORS SEAT BELT FOR CORRECT OPERATION.
CHECK THAT THE SLOW MOVING VEHICLE SMV EMBLEM HAS BEEN
FITTED. DOUBLE CHECK THAT ALL SAFETY DECALS ARE IN PLACE
AND CLEARLY READABLE IN ACCORDANCE WITH THE OPERATORS
MANUAL.
CHECK THE CORRECT OPERATION OF THE BONNET LATCH. LUBRICATE
ALL COMPONENTS AND ADJUST AS REQUIRED. DOUBLE CHECK THAT
THE LATCH IS NOT CONTACTING THE FRONT OF THE COOLERS WHEN
BONNET IS CLOSED.
CHECK THE RIGHT HAND SIDE SERVICE DOOR BATTERY BOX FOR
CORRECT ALIGNMENT AND LATCH OPERATION
CHECK THAT THE STEERING STOPS ARE INSTALLED AND ADJUSTED
CORRECTLY. REFER TO THE OPERATOR'S MANUAL FOR APPROPRIATE
SETTINGS.
CHECK THAT THE ENGINE GUARDS ARTICULATION GUARDS AND PTO
GUARDS ARE FITTED CORRECTLY.
TENSION DRIVE HUB BOLTS AS REQUIRED 490- 500 LB FT
TENSION IDLER WHEEL BOLTS TO 490-550 LB FT
GREASE ALL STEERING PINS ARTICULATION POINTS PIVOT BALLS
TOP LINK FRONT AND REAR AND DRIVE SHAFTS IN ACCORDANCE WITH
THE OPERATORS MANUAL.
CLEAN ALL SHIPPING DECALS AND GLUE OFF MACHINE.
NOTIFY THE SERVICE MANAGER WHEN RADIOS ARE TO BE FITTED
DETAIL MACHINE INSIDE AND OUT. INCLUDING PAINTING RIMS
HUBS, ETC.
WERE THERE ANY EXTRA WARRANTY REPAIRS DONE PLEASE LIST
BELOW.
IF SO PLEASE INFORM THE SERVICE MANAGER OR WARRANTY
DEPARTMENT AS IT NEEDS TO BE CLAIMED ON A SEPARATE RO.

Job number : 2 Operation 15IHZZ//03 Desc. CABIN WORK LIGHTING ELECTRICAL
Sale type : I Technician No(s). 610
Complaint : SUBLET INSTALL UHF AND SPOTLIGHTS AS REQUIRED

Comments : SERIAL#: JEEZC500LKF319772
FRONT AXLE SERIAL #: AJB0318767
REAR AXLE SERIAL #: AJB0318775
TRANS SERIAL #: J9G004
TRACK SIZE: 30", CAMSO
LHF TRACK SERIAL #: 0819 227790
RHF TACK SERIAL #: 0819 227139
LHR TRACK SERIAL #: 0519 220262
RHR TRACK SERIAL #: 0519 220149
CAB SUSPENSION: YES
COOLANT TYPE: OAT

R.O No. : M57354 R.O Date : 12/05/20 Dept : S
RO total 814.00 Kilometres: 5 Advisor No. : 610
Cus total 814.00 War total 0.00 Int total 0.00

Job number : 1 Operation 24IHZZZZZ Desc. MISCELLANEOUS CODES
Sale type : C Technician No(s). 329
Complaint : ROB TALLY REQUEST REAR TRACKS
Cause : ROB REAR TRACKS DUE TO CNH AUSTRALIA LACK OF STOCK
Correction : JACK UP REAR OF MACHINE
LET TENSION OFF BOTH REAR TRACKS
REMOVE OUTSIDE IDLER WHEELS
REMOVE REAR TRACKS
FIT NEW TRACKS TO REAR OF MACHINE
INSTALL OUTSIDE IDLER WHEELS AND TENSION HARDWARE TO SPEC
START MACHINE AND TENSION TRACKS AS REQUIRED

Customer RO history total 561,451.09
Warranty RO history total 8,895.36
Internal RO history total 13,295.54

Complete RO history total 583,641.99