



## H.F. NODES CONSTRUCTION

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31-4 Caterpillar 631E Scraper

9:34 AM 4/3/2012

SERVICE TECH CHRIS

REMOVED THE EJECTOR CLYINDER

SENT CYLINDER TO CARIBOO CHROME

8:24 AM 5/5/2012

HOURS

SERVICE TECH CHRIS

INSTALLED THE REBUILT EJECTOR CYLINDER

JASON AND MYKE

REMOVED THE TOP OF THE FLOOR IN THE BOWL

INSTALLED NEW RIBS AND FLOOR PLATE

REPLACED MOST OF THE HYD HOSES

REMOVED THE FRONT WHEEL AND REPAIRED THE BRAKES

INSTALL A NEW AXLE GEAR ON THE RIGHT HAND SIDE

NEW MAXI POTS AND SLACK ADJUSTERS AND CAMS AND BEARINGS

REMOVED THE HYD REPLACED THE SEAL ON THE SIGHT GLASS

RESEALED THE MAIN HYD CONTROL VALVE

REPAIRED THE FUEL LEAK ON THE ENGINE

REPLACED THE ENGINE WIRING HARNESS



## H.F. NODES CONSTRUCTION

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REPLACED THE CAB WIRING HARNESS

REMOVED THE TRANSMISSION AND DIFF, THE HOUSING WAS FULL OF CUTTINGS

WE FOUND THE PINION BEARINGS TO BE BAD

REPLACED THE BEARINGS

RESEALED THE TRANSMISSION

INSTALLED THE TRANSMISSION AND DIFF HOUSING

RESEALED THE LEFT HAND BOWL LIFT CYLINDER

REMOVED THE FUEL INJECTION PUMP

REPLACED THE MOUNTING ORINGS

FOUND THE MOUNTING BOLTS TO BE STRIPPED

INSTALLED HELI COILS IN THEM

THE AUTO ADVANCE ASSEMBLY HAD FAILED THE WEIGHTS AND SLIDE WERE WORN OUT

FINNING SUPPLIED NEW AUTO ADVANCE ASSEMBLY

REPLACED THE PARK BRAKE SWITCH

4:45 PM 9/19/2012

HOURS NEW METER NEXT SERVICE DUE AT 250

SERVICE TECH CHRIS

SERVICED THE ENGINE 15/40

REPLACED THE OIL AIR AND FUEL FILTER

LEFT BOWL CYLINDER LEAKING A BIT

REPAIRED THE DOOR LATCH



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1:08 PM 9/26/2012

HOURS

SERVICE TECH CHRIS

INSTALLED A NEW ALT AND BELT

CHECKED OUT THE LEAKING EXHAUST PIPE

2:09 PM 10/23/2012

HOURS 82.4 NEXT SERVICE DUE AT 250

SERVICE TECH RYAN

CHECKED MACHINE OVER

TRANSMISSION LEAKING INBETWEEN CASE HALFS

7:56 AM 10/30/2012

HOURS 85 NEXT SERVICE DUE AT 335

SERVICE TECH JOE REMOVED THE TRANSMISSION AND RESEALED THE CASE HALFS

INSTALLED A NEW AIR DRYER

INSTALL A HAND THROTTLE

CHANGED ENGINE OIL 10/30

REPLACED THE OIL AIR AND FUEL FILTERS

1:56 PM 3/12/2013

HOURS 320 NEXT SERVICE DUE AT 570

SERVICE TECH RYAN

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## H.F. NODES CONSTRUCTION

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SERVICED THE ENGINE 10/30

REPLACED THE OIL AIR AND FUEL FILTERS

9:25 AM 5/2/2013

HOURS

SERVICE TECH RANDY AND KEN

REMOVED THE LEFT REAR WHEEL

THE DUO CONE SEAL HAD FAILED

REPLACED THE DUO CONE WITH A NEW ONE FROM UNION TRACTOR

REMOVED THE EJECTOR CYLINDER

REPLACED THE CLYINDER WITH ONE REBUILT BYCARIBOU CHROME

REPLACED THE FAILED EJECTOR ROLLARS

REMOVED THE HYD TANK

REPAIRED THE SEALS ON THE SIGHT GLASS

INSTALLED THE HYD TANK

REPAIRED THE EXHAUST LEAKS

REPLACED THE AIR COMPRESSER HOSE

REPAIRED A FEW AIR LEAKS

INSTALLED A NEW ROLLAR ON THE TOP LEFT OF THE EJECTOR

REPLACED THE PARK BRAKE SWITCH IN THE CAB (287600) USB

5:30 PM 5/14/2013

HOURS

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SERVICE TECH KEN

OPERATOR COMPLAINED ABOUT HARD STEERING

REMOVED THE STEERING VALVE RESEALED

STILL HARD STEERING

CHECKED ALL THE PRESSURES

SET THEM TO SPEC

REPAIRED THE SIGHT GLASS IN THE HYD TANK

3:59 PM 7/18/2013

HOURS

SERVICE TECH RANDY

CHECK PUT ENGINE MISS

FOUND THE NO 2 NOZZLE NOT FIRING ORDERED NEW NOZZLE

1:45 PM 8/15/2013

HOURS

SERVICE TECH JOE

CHECKED OUT ENGINE MISS

REMOVED THE NOZZLE SENT DOWN TO HAVE TESTED THEY ALL FAILED

ORDERED 8 NEW ONES (CAT) AND INSTALLED

REMOVED THE ENGINE MAIN BEARINGS AND

REPLACED REPLACED THE ROD BEARNIGS THEY ARE STD



## H.F. NODES CONSTRUCTION

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REMOVED THE FUEL INJECTION PUMP AND REPLACED WITH ONE REPAIRED BUY NORTHERN DIESEL

JASON WELDED CRACKS IN THE FROG

12:37 PM 10/18/2013

HOURS

SERVICE TECH CHRIS

CHECK OUT THE TRANSMISSION RUNNING HOT

REMOVED THE FILTERS AND SUCTION SCREEN

FOUND SOME CUTTINGS IN THE FILTER AND MAG

6:03 AM 10/25/2013

HOURS 692 NEXT SERVICE DUE AT 942

SERVICE TECH JOE

CHECKED OUT THE TRANSMISSION OVER HEAT

FOUND NO CIRCULATION TO THE TRANSMISSION OIL COOLER

REMOVED THE TRANSMISSION

DEASSEMBLED THE TRANSMISSION AND FOUND THE BEARINGS IN THE TORQUE HAD FAILED

THE HUB IN THE TORQUE WAS WORE VERY BADLY

ONE BUSHING WAS MISSING COMPLETELY

INSTALLED NEW PARTS IN THE TORQUE

RESEALED THE TRANSMISSION

INSTALLED THE TRANSMISSION



## H.F. NODES CONSTRUCTION

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FILLED WITH NEW OIL

REPLACED THE FILTERS

REMOVED THE ENGINE

INSTALLED NEW EXHAUST MANIFOLDS AND STUDS ,GASKETS

REPLACED THE POOR HOSES

REMOVED THE RIGHT HAND FRONT WHEEL

REPAIRED THE BRAKES

INSTALLED A NEW DUO CONE SEAL AND BEARINGS

REPLACED THE BEARINGS GEARS AND SHAFTS IN THE PLANETRY ON THE RIGHT SIDE

BEARINGS HAD FAILED

REPLACED THE BEARINGS IN THE LEFT HAND FRONT PLANETRY

REMOVED THE ENGINE AND REPLACED THE EXHAUST MANIFOLD AND GASKETS

RESEALED THE STARTER

ORDERED A O.R. CUSHION HITCH PUMP AND INSTALLED

FIRE EXT MAY 2013

3:58 PM 7/31/2014

HOURS 742

SERVICE TECH RANDY

INSTALLED A USED REBUILT ENGINE FROM FINNING TRACTOR

STARTED ENGINE IT SEEMS TO HAVE A MISS

CHECK IT OUT



## H.F. NODES CONSTRUCTION

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2:26 PM 9/18/2014

HOURS 1014 NEXT SERVICE DUE AT 1264

SERVICE TECH BRAXTON

FIRE EXT MAY 2014

7:52 AM 02/12/2014

HOURS 1360 NEXT SERVICE DUE AT 1610

SERVICE TECH RANDY

SERVICE TEH ENGINE 10/30

REPLACED THE OIL AIR AND FUEL FILTERS

REPLACED THE TWO EJECTOR ROLLARS THAT HAD FAILED

7:53 AM 16/12/2014

HOURS

SERVICE TECH RANDY

HAD LOTS OF FUEL TROUBLE

THE SUCTION PICKUP TUBE IN THE FUEL TANK KEEPS FREEZING OFF

THERE SEEMS TO BE LOTS OF MOISTURE IN THE FUEL TANK

HEAT THE FUEL TANK RUNS ALL SHIFT

5:36 PM 20/01/2015

HOURS

SERVICE TECH RANDY

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## H.F. NODES CONSTRUCTION

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REPAIRED THE FUEL SUCTION PIPE

JASON WELDED THE CRACK IN THE HITCH

INSTALLED THE REBUILT STEERING SERVO CYLINDER OF OFF 313 ONTO MACHINE

BEARING AND HYD REPAIRED IT

11:09 AM 04/02/2015

HOURS

SERVICE TECH BRAXTON

CHECKED OUT WHY THE LEFT FRONT FENDER GOT RIPPED OFF AND THE

TRANSMISSION CONTROL VALVE ALSO GOT BROKEN

THE WIRING HARNESS GOT RIPPED OFF AS WELL

REMOVED THE CONTROL VALVE OF OFF THE SPARE

TRANSMISSION AND THE WIRING HARNESS OF

OFF 313.

WELDED THE FENDER BACK ON

REPLACED THE CONTROL VALVE AND WIRING HARNESS

SEEMS TO WORK OK

1:28 PM 02/10/2016

HOURS 1712 NEXT SERVICE DUE AT 1962

SERVICE TECH RYAN

SERVICED THE ENGINE 10/30

REPLACED THE OIL AIR AND FUE LFILTERS



FIRE EXT APRIL 2016

REPLACED THE QUICK RELEASE VALVE ON THE TRACTOR

REPLACED THE RIGHT HAND STEERING STEERING

9:38 AM 27/09/2017

HOURS 1858

SERVICE TECH GORDON

REPLACED THE STARTER

11:50 AM 03/10/2017

HOURS

SERVICE TECH GORDON AND NEIL;

CHECKED THE TRANSMISSION FILTER

LOTS OF CUTTINGS

CHECKED OIL PRESSURE IT WAS UP TO SPEC

INSTALLED A NEW FILTERS

TEST RUN CUT IT IT WAS CLEAN

LOTS OF CUTTINGS IN THE PAIL

REMOVED THE SCREEN AND MAG

FOUND A THRUST WASHER IN THE SCREEN

5:21 PM 05/10/2017

SERVICE TECH BRAXTON



REMOVED THE FAILED TRANSMISSION

INSTALLED THE REPAIRED TRANSMISSION

11:29 AM 22/04/2024

HOURS 1908 NEXT SERVICE DUE AT 2208

SERVICE TECH SLADE

SERVICED THE ENGINE 15/40

REPLACED THE OIL AIR AND FUEL FILTERS

REPLACED THE R/H FRONT BRAKE POT

REPAIRED THE DAMAGED STUMP PAN BOLTS

RECHARGED THE ACCUMALATOR

REPLACED THE MISSING PARTS IN THE CAB

INSTALLED A NEW A/C CONDENSOR AND RECHARGED THE A/C

GLAICER REPLACED THE REAR CAB GLASS

REPLACED THE BLOWER MOTOR SWITCH

REPLACED THE MISSING ROAD RADIO