



## Kuesel Excavating Co Inc

# Equipment Maintenance

### Equipment Maintenance

with Notes

Equipment# = 157

Date	Equipment#	Description	Equipment Hours Worked	Schedule Hrs/MIs
05/22/2013	157	CAT 631E Seri purchased machine purchased through iron Planet auction 5-22-2013	2,128.00 30383	30525
06/24/2013		repair replaced left side exhaust manifold gaskets	30383	30525
04/01/2014		batteries replaced 2- wholesale batteries	30400	30525
09/15/2014		service replaced 2- oil filters---2- fuel filters and primary air filter	30450	30650
09/25/2014		repair replaced oil pan gasket replaced front timing gear cover gasket and seals	30450	30650
12/10/2014		injection pump rebuilt injection pump from fabick replaced all fuel injectors  ***** fuel was going into the oil pan---1 gallon a day		
12/10/2014		service replaced oil filter and changed oil as oil was contaminated with fuel from injection pump		
04/15/2015		ENGINE Engine Full Rebuild		
03/02/2016		2000 hr service 1000 hour---- changed oil, oil filters, fuel filters, trans filters, steering filters, and hydraulic filters. changed the differential oils and greased the machine. Checked over and repaired as needed	30967	31500
03/02/2016		repair replaced the cutting edges and the router bits, and a 3 of the grease lines to the neck joint. welded the step into the cab and replaced the lock collar to the steering shaft.	30985	31500

## Equipment Maintenance

12/10/18

Continued...

Date	Equipment#	Description	Equipment Hours Worked	Schedule Hrs/MIs
04/05/2016		repair FOLEY CAT KANSAS CITY--- ADDRESSED COOLANT LOSS COMPLAINT, INSPECTED AND FOUND SYSTEM LOW ON COOLANT BUT NO MAJOR LEAKS. TIGHTENED A COUPLE OF LINES AT THE WATERPUMP AND THE RADIATOR.	31099	
07/18/2016		500 hr service 500 hr service  Engine oil Oil filter Fuel filter Pri. Air Filter	31250	31750
02/28/2017		Repair Install fuel transfer pump R&R all fuel lines from tank to engine		
06/06/2017		Repair Foley	32350	
06/21/2017		Brakes pull hard to the left and leaking Installed new brake chamber actuator Repair Foley	32389	
		Transmission would not shift at operating temp. Swapped solenoids from up and downshift  A/C not blowing cold Replaced hard lines on compressor and new seals New heater hose and low side line New dryer		
07/17/2017		Repair Jed	32406	32900
		Change engine oil and filter Fuel filters Cleaned air filter		
09/12/2017		Fix air valve and work on steps and covers 2000 hr service Changed transmission oil and filter Cleaned the transmission screen as well Changed hydraulic filters and oil Changed differential oil Changed final drive oil	32406	32900
09/25/2017		Repair Installed a pair of Cyling bushings		

## Equipment Maintenance

12/10/18

Continued...

Date	Equipment#	Description	Equipment Hours Worked	Schedule Hrs/MIs
10/10/2017		Assemble Cylinder Repair Welded cracks in aprin cylinder Filled with new transmission oil and Hydraulic oil		
06/01/2018		Repair R&R auxiliary hydraulic couplers	32503	32900
06/04/2018		Repair No shifting R&R upshift solenoid R&R shift lever positioning sensor R&R downshift solenoid R&R lockeup solenoid	32515	32900