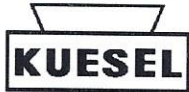


Maintenance Record

DE8129



SOIL STABILIZATION
HEAVY HIGHWAY
GRADING

Kuesel Excavating Co Inc

Equipment Maintenance

Equipment Maintenance

with Notes

Equipment# 79 to 79

Date	Equipment#	Description	Equipment Hours Worked	Schedule Hrs/MIs
	79	963-4 CAT	7,777.50	
05/06/2019		repair	100	
		got correct size tire for spare		
10/29/2018		batteries	41	8500
		replaced both batteries		
08/30/2018		Repair		
		R&R engine compartment door latch		
08/15/2018		Repair	8204	8500
		No tracking on right side		
		Remove right drive motor		
		Check for broken shaft		
		Order used takeout from Fabick		
		Install right drive motor		
		Move right idler forward		
		Move left idler forward		
		R&R hr meter		
04/12/2018		Repair	8175	8500
		Repair steering linkage		
		Replace right steering pedal shaft, bearing and yoke		
03/22/2018		Repair	8122	8500
		R&R broken segment bolt		
11/15/2017		Repair/1000 hr service	7950	8500
		Huber		
		Replace sprockets and shields		
		Replace bushing on right side		
		Rebuild bucket		
		Repair door latch		
		Replace arm rest inside cab		
		1000 hr service		
		Change engine oil and filter		
		Change final drive oil on both sides		
		Fuel filters		
		Air filter		
		Remove final drive and clean parts		
		Repair wear shoes		
		Reassemble front idler and install final drive		

Equipment Maintenance

06/06/19

Continued...

Date	Equipment#	Description	Equipment Hours Worked	Schedule Hrs/Mls
11/02/2017		Repair Repair transmission leak Tighten tracks R&R teeth	7900	8000
09/21/2017		Repair R&R bucket segments		
07/20/2017		Break in engine oil Break in engine oil change	7577	8000
07/10/2017		Engine Jerry rebuilt engine	7500	
02/06/2017		Repair Jerry Huber replace oil pressure sensor		
01/23/2017		Repair R&R top roller R&R teeth	7400	7750
10/10/2016		500 hr service 500 hr service engine oil fuel filter oil return line on turbo was leaking fixed	7280	7750
06/30/2016		repair R&R fuel filter and broken fuel line	7000	7200
06/27/2016		repair R&R corner shanks	7000	7200
03/17/2016		1000 hour service 1000 hour service --- changed oil, oil filter, fuel filter, trans filter, hyd filters and drive oil. also changed air filters	6725	7200
04/08/2015		repair resaeled both lift arms	6250	6500
03/19/2015		500 hr service replaced oil filter and fuel filter	6250	6500
11/15/2014		repair replaced tilt cylinder rod		
07/31/2014		2000 hr service replaced oil filter--fuel filter--2-hydraulic filters and transmission filter--primary air filter replaced 10wt in hydraulic --transmission compartments replaced 50wt in right and left final drive compartments	6050	6300

Equipment Maintenance

06/06/19

Continued...

Date	Equipment#	Description	Equipment Hours Worked	Schedule Hrs/MIs
		replaced 15w-40 in splitter box compartment		
12/05/2013		service	5800	6000
		replaced oil filter and fuel filter		
10/07/2013		repair	5675	5800
		replaced complete left final drive with a used one from Fabick		
08/01/2013		500 hour service	5560	5800
		replaced oil filter--fuel filter--2- hydraulic filters and transmission filter		
06/20/2013		repair	5500	5650
		replaced fan pulley ---designed to move more air across the radiator		
03/29/2013		rebuilt engine	5440	5650
		engine failed in Keytsville		
		replaced engine with a stock engine out of E-4		
		Engine Rebuilders checked engine block --polished crankshaft and camshaft--installed cam bearings and balance bearings--resurfaced and rebuilt head		
		Jerry Huber installed--2- balance shafts--cam gear--crankshaft gear--and idler gear---oil pump--water pump--oil cooler--cylinder kits--turbo--rod bearings and main bearings--exhaust manifold gasket--rebuilt injection pump from fabick		
		painted and decaled		
		repaired throttle		
08/16/2012		1000 hour service	5250	5500
		replaced oil filter--fuel filter--hydraulic filter and transmission filter		
		replaced 10wt in hydraulic --transmission and splitter box compartments		
		replaced 50wt in right and left final drive compartments		
06/18/2012		batteries	5160	5300
		replaced both batteries----Wholesale PC-1000P		
03/29/2012		service	5060	5300
		replaced oil filter and fuel filter		
03/29/2012		muffler	5060	5300
		replaced muffler		
01/03/2012		repair	4967	5150
		replaced bucket wear pads and teeth		
		replaced temperature gauge and resealed hydraulic pump		

Equipment Maintenance

06/06/19

Continued...

Date	Equipment#	Description	Equipment Hours Worked	Schedule Hrs/MIs
12/19/2011		service replaced oil filter and fuel filter	4925	5150
08/22/2011		repair resealed left drive motor---line bored loader arm and Z- bar	4800	5000
08/22/2011		1000 hour service replaced oil filter--fuel filter--2- hydraulic filters--transmission filter--primary and secondary air filters replaced 10wt in hydraulic compartment-- transmission compartment and splitter box compartment replaced 50wt in right and left final drive compartments	4800	5000
06/07/2011		fan/alternator belts replaced fan belts	4720	4875
06/07/2011		repair replaced fan bearings--shaft--and bracket	4720	4875
06/01/2010		batteries replaced both batteries-(Wholesale)	4710	4720
04/26/2010		service replaced oil filter and fuel filter	4520	4720
02/01/2010		service replaced oil filter and fuel filter	4300	4500
09/14/2009		repair replaced seals in left side drive motor	4200	4400
09/09/2009		1000 hour service replaced oil filter--fuel filter--2- hydraulic filters--transmission filter replaced 10wt in hydraulic compartment--transmission compartment and splitter box compartment replaced 50wt in right and left final drive compartments	4200	4400
06/01/2009		service replaced oil filter and fuel filter	4050	4250
03/04/2009		500 hour service replaced oil filter--fuel filter--2- hydraulic filters--transmission filter and primary air filter	3950	4150
12/18/2008		service replaced oil filter---fuel filter replaced bucket teeth replaced back up alarm	3920	4120

Equipment Maintenance

06/06/19

Continued...

Date	Equipment#	Description	Equipment Hours Worked	Schedule Hrs/MIs
08/25/2008		repair rebuilt tilt cylinder and left lift cylinder resealed left final drive motor	3600	3800
08/19/2008		1000 hour service replaced oil filter---fuel filter--transmission filter and 2- hydraulic filters replaced 10wt in hydraulic -- transmission and splitter box compartments replaced 50wt in right and left final drive compartments	3600	3800
06/05/2008		service replaced oil filter and fuel filter	3500	3700
03/08/2008		500 hour service replaced oil filter---fuel filter--2- hydraulic filters and transmission filter	3410	3610
01/02/2008		undercarriage replaced rails--rollers --pads--sprocket segments rebuilt front idlers replaced equalizer bar pads, bushings and bearings rebuilt grease cylinders on both sides (2- shafts and 2- bearings) replaced pivot shaft seals resealed both final drives--replaced 3-gears and 2- bearings on left side and 2- bearings on right side replaced 4 wear bars on front and 4-wear bars on rear	3306	3510
12/06/2007		service replaced oil filter---fuel filter replaced bucket segments and bucket teeth	3302	3510
09/04/2007		1000 hour service replaced oil filter--fuel filter-- transmission filter and 2- hydraulic filters replaced 10wt in hydraulic and transmission compartments replaced 50wt in final drive compartments	3050	3250
08/24/2007		turbo replaced exhaust pipe from turbo to the muffler replaced turbo and mounting gasket	3035	3079
08/01/2007		water pump replaced water pump	2955	3079
08/01/2007		repair replaced rear main seal--warranty through Engine Builders	2955	3079
07/12/2007		rebuilt engine replaced engine with a rebuilt engine from Engine Builders replaced transmisssion oil cooler	2879	3079

Equipment Maintenance

06/06/19

Continued...

Date	Equipment#	Description	Equipment Hours Worked	Schedule Hrs/MIs
		replaced both fan belts		
07/03/2007		repair		
		replaced 1- drive motor hose		
06/08/2007		service	2782	3000
		replaced oil filter--fuel filter and primary air filter		
02/23/2007		500 hour service	2550	2750
		replaced oil filter--fuel filter--transmission filter and 2- hydraulic filters		
02/16/2007		repair	2550	2750
		replaced equalizer pad and new top plate on the right side		
		replaced hydraulic control lever linkage		
		replaced sprocket segments		
		replaced wear pads on the bottom of the bucket		
		rebuilt left side lift cylinder		
		replaced fuse holder		
		repaired transmission control linkage--replaced bracket, bearings and seals		
		replaced left side pivot shaft seal		
		replaced head and head gasket		
		replaced seals where hydraulic pump bolts to the engine		
		replaced thermostat and temperature sending unit		
		replace 2-turbo hoses		
12/15/2006		batteries	2438	2640
		replaced both batteries		
12/08/2006		repair	2436	2640
		replaced both heater motors		
12/08/2006		service	2436	2640
		replaced oil filter and fuel filter		
09/11/2006		1000 hour service	2065	2265
		replaced oil filter--fuel filter--primary air filter--transmission filter and 2- hydraulic filters		
		replaced 10wt in the hydraulic tank and the transmission tank		
		replaced 50wt in both final drives		
06/01/2006		service	1610	1810
		replaced oil filter and fuel filter		
05/17/2006		repair	1540	1435
		replaced both lower bucket pins/ rebuilt front bucket tilt cylinder		
04/18/2006		repair	1430	1435
		replaced starter----replaced turbo		

Equipment Maintenance

06/06/19

Continued...

Date	Equipment#	Description	Equipment Hours Worked	Schedule Hrs/MIs
02/21/2006		500 hour service replaced oil filter/fuel filter/transmission filter/primary air filter/2-hydraulic filters--Walter	1235	1435
12/16/2005		fuel / oil filters	1040	1240
09/03/2005		repair & all filters replaced rear main seal and flywheel housing gasket.	680	880
06/01/2005		fuel / oil filters	410	610
04/08/2005		repair replaced electric disconnect.		
04/06/2005		repair replaced starter - warrenty.		
04/04/2005		repair replaced carrier roller on the right side / retapped holes and replaced with 7/8" holes.		
03/02/2005		fuel / oil / trans / hydr filters 500 hour	150	350