

Maintenance Record

DE8175



SOIL STABILIZATION
HEAVY HIGHWAY
GRADING

Kuesel Excavating Co Inc

Equipment Maintenance

Equipment Maintenance

with Notes

Equipment# 19 to 19

Date	Equipment#	Description	Equipment Hours Worked	Schedule Hrs/MIs
	19	D6H CAT LGP	24,483.00	
03/28/2019		1000 hour service	24756	25250
		Perform 1000 hr. PM. Perform service, replace oil and filter, fuel filters, air filters, replace transmission fluid and filter, replace hyd. filters and cabin air filters		
		1 B7600 Oil filter factory 1R-0739 0.00 0.00		
		1 BF7633 OR BF7637 Fuel filter fact. 1R-0750 0.00 0.00		
		1 BT287-10 Hyd filter fact. 4T-6788 0.00 0.00		
		1 PT8496 Tran filter cartridge fact 132-8876 0.00 0.00		
		1 PT-91 Hyd. filter fact. 1R-0735 0.00 0.00		
		1 RS-3504 Radial seal Primary air fact 6I-2501 0.00 0.00		
		1 RS3505 Air filter secondary inner, 6I-2502 0.00 0.00		
		1000 HR. PM .0 77.20 0.00		
		SOS engine oil .0 77.20 0.00		
02/13/2019		repair	24733	24750
		equipment at Bedrock Quarry. No start & track idler sheered off. Bill Strukmann on site - bent the frame up, valve now off center, align back to get started. Order parts for idler, including heli coil and bits. Repair track idler mounting.		
		1 npn heli coil kits heli coil kit, 3/4 include bit etc.		
06/29/2018		Repair		24750
		R&R bolts in lower blade trunion		
05/15/2018		Repair	24500	24750
		Remove fuel injection pump and exhaust manifold		
		Replace exhaust manifold		
		Replace fuel injection pump		
		Repair threads on fan shroud		
		Install turbo		
04/13/2018		Repair	24238	24750
		R&R o ring on grease cylinder fill valve block		
03/06/2018		Repair/Undercarriage	24199	24750
		Undercarriage		
		New pads, rollers, rails, idlers, sprocket segments		
		500 hr service		
		Shimmed blade and ball joints		
		Remove hydraulic control valve		
		Straighten fender		

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Date	Equipment#	Description	Equipment Hours Worked	Schedule Hrs/MIs
06/13/2017		Remove broken mounting bolts in valve and tap larger threads Repair	23874	24125
05/15/2017		Remove 1 link from left track Repair	23764	24125
03/31/2017		Repair wiring for Trans filter warning Repair/2000 hr service	23625	24125
		Install trans lube pump		
		Rebuild 2 lift cylinder		
		R&R torque converter (CAT Aftermarket)		
		2000 hr service		
		Change engine oil and filter		
		Fuel filter		
		Primary Air		
		Secondary Air		
		Change Hydraulic oil and filters x2 10WT		
		Change Transmission oil and filters 30WT		
		Change R & L final drives 50WT		
01/24/2017		repair	23327	23500
		Straighten track pad and replace sprocket segments		
07/18/2016		500 hr service	22911	23500
		Replaced oil filter		
		fuel filter		
		Primary air filter		
06/13/2016		batteries	22812	
		replaced both batteries		
03/25/2016		2000 hr service	22380	22900
		replaced oil filter--fuel filter--2- hydraulic filters		
		replaced 10wt in hydraulic compartment		
		replaced 30wt in transmission compartment		
		replaced 50wt in final drive compartment		
10/12/2015		repair	21985	
		replaced muffler, extention, pre cleaner pipe		
09/13/2015		500 hour service	21805	22300
		engine oil and oil and fuel filters		
08/26/2015		repair	21805	
		replaced tilt cylinder hoses and fan belts		
04/13/2015		repair	21438	21750
		New carrier plate , 3 retainer pins , 6 cap 6 cones 3 planetary shafts on left side		

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Date	Equipment#	Description	Equipment Hours Worked	Schedule Hrs/MIs
01/06/2015		1000 hour service replaced oil filter--fuel filter--2- hydraulic filters replaced 10wt in hydraulic compartment replaced 30wt in transmission compartment replaced 50wt in final drive compartment	21350	21750
09/05/2014		repair replaced right and left front idler bolts	21100	21300
09/05/2014		service replaced oil filter and fuel filter	21100	21300
07/21/2014		repair replaced front equalizer beam---all bearings--seals--pins	20920	21100
06/27/2014		service replaced oil filter and fuel filter	20870	21100
12/27/2013		1000 hour service replaced oil filter--fuel filter--2- hydraulic filters replaced 10wt in hydraulic compartment replaced 30wt in transmission compartment replaced 50wt in final drive compartment	20560	20760
09/18/2013		service replaced oil filter--fuel filter	20250	20500
08/27/2013		service replaced oil filter and fuel filter	20150	20400
08/20/2013		starter replaced starter	20085	20000
12/24/2012		1000 hour service replaced oil filter--fuel filter--2- hydraulic filters replaced 10wt in hydraulic compartment replaced 30wt in transmission compartment	19800	20000
12/07/2012		turbo replaced turbo	19790	20000
12/07/2012		rebuilt engine ***** turbo came apart shavings went into the cylinders---cracked the head	19790	20000
		Jerry Huber did an inframe rebuild replaced 6 cylinder kits-----6 injectors --remanufactured head from fabick		

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Date	Equipment#	Description	Equipment Hours Worked	Schedule Hrs/MIs
11/08/2012		undercarriage replaced rails --pads--rollers--idlers and sprocket segments resealed right side final drive resealed pivot shafts resealed right and left side grease cylinders line bored center pin	19672	19750
09/13/2012		service replaced oil filter and fuel filter	19500	19750
05/14/2012		service replaced oil filter--fuel filter and primary air filter	19300	19500
04/17/2012		repair resealed left final drive	19207	19200
04/17/2012		sprocket segments replaced sprocket segments	19207	19200
01/16/2012		1000 hour service replaced oil filter--fuel filter--2- hydraulic filters---primary and secondary air filters replaced 10wt in hydraulic compartment replaced 30wt in transmission compartment replaced 50wt in right and left final drive compartments	19000	19200
05/04/2011		water pump replaced water pump	18796	19000
05/04/2011		injection pump rebuilt injection pump and replaced all injectors	18796	19000
05/04/2011		repair straightened machine and painted	18796	19000
03/30/2011		radiator S&S boiled out radiator	18796	19000
03/30/2011		rebuilt engine Engine Builders---clean--magnafluxed--grind crankshaft magnafluxed (6) reconditioned con rods rebush, bore rods magnafluxed engine head replaced 12 valve guides resurfaced, rebuild head clean, magnafluxed block set up, check align bore 4--machine install upper liners	18796	19000

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Date	Equipment#	Description	Equipment Hours Worked	Schedule Hrs/MIs
		surfaced block install cam bearings		
02/09/2011		batteries replaced 2- Group 31 post (Wholesale)	18776	19000
02/09/2011		starter replaced starter	18776	19000
01/26/2011		500 hour service replaced oil filter--fuel filter--2- hydraulic filters and transmission filters	18750	19000
10/01/2010		service replaced oil filter and fuel filter	18608	18800
07/29/2010		repair purchased left final drive complete from K&D sales removed and replaced left final drive assembly and axle replaced 50wt in left final drive compartment replaced 30wt in transmission compartment replaced transmission and hydraulic filters	18522	18600
06/01/2010		repair replaced valve cover gasket	18373	18600
05/19/2010		service replaced oil filter--fuel filter	18350	18600
04/01/2010		repair Engine Rebuilders resurfaced head replaced 6 injectors replaced thermostat and heater hoses weld bucket resealed tilt cylinder replaced air cleaner hose resealed left idler replaced bolts in right side idler replaced some track pad bolts	18260	18350
03/10/2010		water pump replaced water pump and thermostat---2- fan belts	18240	18350
01/25/2010		1000 hour service replaced oil filter--fuel filter--2- hydraulic filters and transmission filter replaced 10wt in hydraulic compartment replaced 30wt in transmission compartment replaced 50wt in right and left final drive compartments	18120	18350

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Date	Equipment#	Description	Equipment Hours Worked	Schedule Hrs/MIs
12/04/2009		service replaced oil filter---fuel filter	17860	18060
12/04/2009		repair welded and machined outer equalizer bar housing replaced bearings--seals and one pin no work done to the center machined exhaust manifold replaced exhaust manifold gasket and studs	17860	18060
07/24/2009		500 hour service replaced oil filter--fuel filter---transmission filter and 2- hydraulic filter	17600	17800
02/05/2009		1000 hour service replaced oil filter--fuel filter--transmission filter and 2- hydraulic filters replaced 10wt in hydraulic compartment replaced 30wt in transmission compartment replaced 50wt in right and left final drive compartments	17470	17670
11/05/2008		service replaced oil filter--fuel filter	17340	17540
10/29/2008		repair replaced heater motor		
07/18/2008		500 hour service replaced oil filter--fuel filter--transmission filter and 2- hydraulic filters	16890	17100
05/15/2008		batteries replaced 2- batteries---Wholesale Group 31 PC1000P	16730	16900
04/17/2008		service replaced oil filter and fuel filter	16700	16900
02/14/2008		1000 hour service replaced oil filter--fuel filter--transmission filter and 2- hydraulic filters replaced 10wt in hydraulic compartment replaced 30wt in transmission compartment replaced 50wt in final drive compartments	16610	16810
10/31/2007		service replaced oil filter--fuel filter and primary air filter	16475	16675

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Date	Equipment#	Description	Equipment Hours Worked	Schedule Hrs/MIs
10/26/2007		undercarriage replaced rails--rollers--sprocket segments--and idlers (4) 2 on each side reused old pads replaced seat welded track frame replaced all cutting edges on blade	16475	16675
09/06/2007		repair replaced engine oil cooler and transmission oil cooler replaced harmonic balancer pulley and alternator pulley replaced all fan belts and all radiator hoses replaced thermostat for cooling system and temperature sending units for the fuel and the cooling system replaced oil filter and fuel filter Button Automotive boiled engine head S&S Radiator boiled out radiator * radiator had engine oil in the system	16475	16675
07/25/2007		500 hour service replaced oil filter--fuel filter--transmission filter and 2- hydraulic filters	16100	16300
06/22/2007		service replaced oil filter--fuel filter and primary air filter	15960	16160
05/08/2007		radiator replaced 1- radiator core	15832	16020
04/27/2007		service replaced oil filter and fuel filter	15820	16020
01/31/2007		repair replaced head with a remanufactured head from Fabick	15648	15848
01/31/2007		injection pump replaced injection pump with a rebuilt pump from archway diesel replaced all fuel injectors	15648	15848
01/31/2007		1000 hour service replaced oil filter--fuel filter--transmission filter--primary air filter--secondary air filter and 2- hydraulic filters replaced 30wt in transmission replaced 10wt in hydraulic tank replaced 50wt in the final drives	15648	15848

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Date	Equipment#	Description	Equipment Hours Worked	Schedule Hrs/MIs
11/17/2006		service replaced oil filter and fuel filter	15362	15562
11/17/2006		repair replaced all exhaust manifold studs---replaced valve cover gaskets---replaced radiator hoses---replaced turbo---replaced water pump---replaced crank and fan pulley---replaced rod ends for differential steering	15362	15562
08/02/2006		repair replaced fan bearings-shaft and seals---replaced fan belts	15067	15200
07/17/2006		500 hour service replaced oil filter--fuel filter--primary air filter--transmission filter--2-hydraulic filters replaced both corner bits and flipped the center bits	15000	15200
04/21/2006		service replaced oil filter ---fuel filter---primary air filter	14750	14950
02/01/2006		1000 hour service replaced primary air filter,oil filter fuel filter,transmission filter and 2-hydraulic filters--replaced 30wt in the tranmission approx.50 gallons---replaced 50wt in the final drives approx. 15 gallons and replaced 10wt in the hydraulics approx. 25 gallons--service performed by Walter	14530	14730
01/27/2006		repair replaced both batteries from fabick---2 group 31's---part number from fabick 9X-3403		
11/07/2005		fuel / oil filters	14350	14550
07/19/2005		fuel / oil / hydraul filters replaced muffler	13995	14200
05/17/2005		repair & fuel / oil & hyd filters replaced hydraulic pump - new faibik	13720	13920
02/05/2005		fuel / oil / trans / hydr filters	13500	13700
11/23/2004		repair & fuel/ oil filters new CAT undercarriage(rails, rollers, idlers) / replaced final drive seals, pivot shaft seals, wear bars, pivot balls on front end blade arms, cutting edges on front of blade, seals in track adjuster cylinders, bearings & shock in seat, bearings pins & bushings in equalizer bar / line bored track frame & equalizer bar / replaced 50wt in trummors.	13310	13600
08/05/2004		fuel / oil / trans / hydr filters 500 hour service - BS	13120	13320
04/30/2004		fuel / oil filters	12770	13000
02/05/2004		repair & all filters 1000 hour service / weld track frame / rebuilt right side left cylinder & replaced rod.	12540	12750

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Date	Equipment#	Description	Equipment Hours Worked	Schedule Hrs/Mls
11/04/2003		repair & fuel/ oil filters replaced track guard	12450	12650
08/18/2003		repair & all filters 500 hour service - JH	12245	12445
08/08/2003		repair replaced left idlers- WS		
07/28/2003		repair rebuilt torque converter- replaced seal kit & bearing kit in transmission / replaced clutchplates in 3rd & 4th pads / new coupling seal & bearing in hydraulic pump / replaced bearings in hydraulic shift levers.	12160	12250
05/01/2003		fuel / oil / trans filters	12040	12250
03/01/2003		repair flip center bit & replaced left/right corner bits.		
02/12/2003		fuel / oil / trans / hydr filters 1000 hour service - BS	11850	12050
01/15/2003		fuel / oil filters	11738	12000
12/02/2002		repair temperature sending unit		
10/28/2002		fuel / oil filters	11500	11700
08/06/2002		repair & all filters 500 hour service / tightened tracks / blew radiator out.	11100	11300
07/12/2002		repair readjust linkage on hydraulic levers / installed left track / drilled out broken left idler bolts , reinstalled new bolts, caps & shims.		
05/20/2002		repair & fuel/ oil filters repaired hydraulic linkages, new seal in hydraulic tank.	10710	10910
		repair adjust transmission linkage / weld hole in hydraulic tank & change hydraulic oil.	10650	10850