

S.M. HENTGES & SONS, INC.

JOB COST HISTORY

Date: 05/28/2014

Time: 2:04:12PM

Job Number 20-073

Name 2002 KOMATSU PC 600 EXCAVATOR

S/N# 11074

2013

KOMATSU PC600 LC-6HYDRAULIC EXCAVATOR GL 1510

Vendor/Emp Number	Invoice Number	Check Number	Phase	Cost Code	Description	Date	Qty./Hours	Income	Admin.
CAPITAL	201301	201301		- E	ARCHER MOTEL	01/08/2013		0.00	0.00
ROAD	S53454			- E	BUSHING	01/08/2013		0.00	0.00
ROAD	S53526			- E	FLOAT SE	01/10/2013		0.00	0.00
ROAD	S53559			- E	BOLT & NUT	01/14/2013		0.00	0.00
ROAD	S54452			- E	SERVICE KIT	02/22/2013		0.00	0.00
ROAD	S55398			- E	BUSHING	04/08/2013		0.00	0.00
ROAD	S56013-1			- E	BOLT	05/07/2013		0.00	0.00
ROAD	S04907			- E	BUSHING	05/13/2013		0.00	0.00
ROAD	S58598			- E	TRACK ROLLER	09/09/2013		0.00	0.00
ROAD	S58673			- E	V-BELT	09/16/2013		0.00	0.00
OREILLY	0281136356			- E	HOSE CLAMPS	10/01/2013		0.00	0.00
ROAD	S59367			- E	CAP ASSY	10/16/2013		0.00	0.00
ROAD	S59368			- E	SPACER	10/16/2013		0.00	0.00
ROAD	S59519			- E	STARTER	10/23/2013		0.00	0.00
ROAD	W07358			- E	REPACK BOOM CYLINDER	10/25/2013		0.00	0.00
ROAD	W07368			- E	HOSES LEAKING	10/25/2013		0.00	0.00
CONAGG	0252521-IN			- E	WELD-ON BUCKET	10/29/2013		0.00	0.00
ROAD	S04719			- E	MONOBLOK	10/29/2013		0.00	0.00
ROAD	S60045			- E	VALVE	11/18/2013		0.00	0.00
ROAD	S60140			- E	BOLT & NUT	11/22/2013		0.00	0.00
ROAD	W07411			- E	STICK DRIFTING	11/22/2013		0.00	0.00
ROAD	S60216			- E	VALVE KIT	11/25/2013		0.00	0.00
ROAD	S60361			- E	REPAIRS CREDIT	12/05/2013		0.00	0.00
OREILLY	0295190114			- E	BOLTS	12/18/2013		0.00	0.00
				- E	REPAIR BACKHOE	12/30/2013		0.00	0.00
ROAD	S60731			- E	BOLT & NUT	12/31/2013		0.00	0.00
HOE980		126644		- L	Earnings	12/29/2012		0.00	0.00

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JOB COST HISTORY

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KOMATSU PC600 LC-6HYDRAULIC EXCAVATOR GL 1510

Vendor/Emp Number	Invoice Number	Check Number	Phase	Cost Code	Description	Date	Qty./Hours	Income	Admin.
ROAD	S85799			- E	CORE CREDIT	02/09/2012		0.00	0.00
ROAD	S46463			- E	BEARING	02/23/2012		0.00	0.00
ROAD	S46464			- E	GEAR	02/23/2012		0.00	0.00
ROAD	S86403			- E	GASKET	02/23/2012		0.00	0.00
ROAD	S46492			- E	PUMP ASSY	02/24/2012		0.00	0.00
ROAD	S47778			- E	O-RINGS	04/16/2012		0.00	0.00
ROAD	S47955			- E	SWITCH	04/20/2012		0.00	0.00
ROAD	S48801			- E	SENSOR	05/25/2012		0.00	0.00
ROAD	S48905			- E	SENSOR	05/31/2012		0.00	0.00
ROAD	S48939			- E	SWITCH CREDIT	06/04/2012		0.00	0.00
ROAD	W06300			- E	HYD TUNE UP	06/15/2012		0.00	0.00
ROAD	S49576			- E	SHEET	06/29/2012		0.00	0.00
OREILLY	0281431532			- E	HTR FITTING	07/10/2012		0.00	0.00
OREILLY	0330485680			- E	HOSE CONNECT	07/10/2012		0.00	0.00
ROAD	S49729			- E	TURBO	07/10/2012		0.00	0.00
ROAD	S49730			- E	THERMOSTA	07/10/2012		0.00	0.00
ROAD	S49756			- E	TANK	07/11/2012		0.00	0.00
ROAD	S49790			- E	O-RING P6	07/12/2012		0.00	0.00
ROAD	S49815			- E	CONDENSER ASSY	07/13/2012		0.00	0.00
ROAD	S49882			- E	CORE CREDIT	07/16/2012		0.00	0.00
ROAD	W06381			- E	ADJUST TSV VALVE	07/27/2012		0.00	0.00
ROAD	W06389			- E	CHECK OVERHEATING	07/27/2012		0.00	0.00
ROAD	S50921			- E	GASKET KIT	08/29/2012		0.00	0.00
ROAD	S95050			- E	SEAL/GUIDE	08/31/2012		0.00	0.00
OREILLY	0281445100			- E	SEALANT	09/04/2012		0.00	0.00
ROAD	S51017			- E	GASKET KIT	09/05/2012		0.00	0.00
OREILLY	0281445548			- E	SEALANT	09/06/2012		0.00	0.00

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JOB COST HISTORY

KOMATSU PC600 LC-6HYDRAULIC EXCAVATOR GL 1510

Vendor/Emp Number	Invoice Number	Check Number	Phase	Cost Code	Description	Date	Qty./Hours	Income	Admin.
ROAD	S51060			- E	BOLTS	09/06/2012		0.00	0.00
ROAD	S51061			- E	SEALANT	09/06/2012		0.00	0.00
SNAP ON	130086			- E	1/2" DR 12PT SHALL	09/07/2012		0.00	0.00
SNAP ON	130086C			- E	1/2" DR 12PT SHALL	09/07/2012		0.00	0.00
ZIEGLERI	W000166376			- E	TEST CYL HEAD ASSY	09/11/2012		0.00	0.00
ROAD	S51190			- E	CAP	09/12/2012		0.00	0.00
ROAD	S95782			- E	CM REF INVS50921	09/19/2012		0.00	0.00
CAPITAL	201225	201225		- E	MARK D STUCHEL INC	09/28/2012		0.00	0.00
LOREN	0032397-IN			- E	KIT,24 VDC	10/05/2012		0.00	0.00
ROAD	W06661			- E	HYD TUNE UP	10/29/2012		0.00	0.00
ROAD	S52234			- E	ALTERNATOR	11/01/2012		0.00	0.00
ROAD	S52262			- E	CORE CREDIT	11/02/2012		0.00	0.00
ROAD	S52836			- E	SERVICE KIT/BUSHING	12/03/2012		0.00	0.00
ROAD	S52897			- E	BOLT/VALVE	12/05/2012		0.00	0.00
RDO	P91910			- E	S/F ROLLER	12/05/2012		0.00	0.00
ZIEGLERI	C500910858			- E	BOLTS/WASHERS	12/07/2012		0.00	0.00
ROAD	W06710			- E	BUCKET CYL INOP	12/13/2012		0.00	0.00
				- E	RECLS BACKHOE REPAIR	12/31/2012		0.00	0.00

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S.M. HENTGES & SONS, INC.

JOB COST HISTORY

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KOMATSU PC600 LC-6HYDRAULIC EXCAVATOR GL 1510

Vendor/Emp Number	Invoice Number	Check Number	Phase	Cost Code	Description	Date	Qty./Hours	Income	Admin.
ROAD	S69853			- E	O-RING	01/28/2011		0.00	0.00
RDO	W16736			- E	RAILS/PADS REPAIR	01/28/2011		0.00	0.00
ROAD	S70105			- E	O-RING	02/04/2011		0.00	0.00
RDO	W04446			- E	ALIGN TRACK LINK	02/04/2011		0.00	0.00
ROAD	S70166			- E	BOLT & NUT	02/07/2011		0.00	0.00
ROAD	S70167			- E	GASKET	02/07/2011		0.00	0.00
RDO	W16749			- E	PRESS 2 TRACK LINKS	02/10/2011		0.00	0.00
ROAD	S70367			- E	HOSE	02/11/2011		0.00	0.00
ROAD	S70968			- E	O-RING KIT	03/01/2011		0.00	0.00
ROAD	S71483			- E	BODY ASSY	03/15/2011		0.00	0.00
ROAD	S71601			- E	FLOATIN	03/17/2011		0.00	0.00
ROAD	S71635			- E	BOLT/NUT	03/17/2011		0.00	0.00
ROAD	S71813			- E	SERVICE K	03/23/2011		0.00	0.00
PERFLUID	701026-001			- E	REPAIR MOTOR DR	03/23/2011		0.00	0.00
RDO	W17140			- E	CYL ROD RESEAL	03/24/2011		0.00	0.00
ROAD	S72054			- E	COLLAR	03/29/2011		0.00	0.00
AISCO	U41107			- E	FINAL DRIVE	03/29/2011		0.00	0.00
ROAD	S72480			- E	TUBE/CONNECTOR	04/07/2011		0.00	0.00
				- E	APRIL SALES TAX	04/30/2011		0.00	0.00
				- E	APRIL SALES TAX	04/30/2011		0.00	0.00
				- E	APRIL SALES TAX	05/16/2011		0.00	0.00
ROAD	S74991			- E	O-RINGS	06/02/2011		0.00	0.00
ROAD	S75510			- E	PIPE	06/14/2011		0.00	0.00
ROAD	W10690			- E	RESEAL CONTROL VALVE	06/22/2011		0.00	0.00
ROAD	S76102			- E	TRACK PAD BOLTS	06/28/2011		0.00	0.00
ROAD	S76465			- E	O-RINGS	07/06/2011		0.00	0.00
ROAD	S77206			- E	V-BELT	07/21/2011		0.00	0.00

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HOSEDO	616			- E	HYD HOSE	08/06/2011		0.00	0.00
CUSTOMHOSE	62545			- E	5100 PSI BRAIDED HOS	10/27/2011		0.00	0.00
FAST	MNSKA71456			- E	ALLEN HEAD SCREWS	11/03/2011		0.00	0.00
JORDANACE	50045			- E	QUIKTITE	11/07/2011		0.00	0.00
ROAD	S82463			- E	WIPER	11/14/2011		0.00	0.00
LOREN	0029907-IN			- E	PROXIMITY SWITCH	11/14/2011		0.00	0.00
ROAD	S82738			- E	BOLT/NUT	11/18/2011		0.00	0.00
ROAD	W11815			- E	POWER WIRES BUSTED	12/08/2011		0.00	0.00
ROAD	W11865			- E	REPAIRS	12/15/2011		0.00	0.00
ROAD	S44973			- E	V-BELT	12/20/2011		0.00	0.00
ROAD	S83899			- E	CYL BUCKET	12/21/2011		0.00	0.00
ROAD	W11971			- E	REPLACE SOLENOID	12/28/2011		0.00	0.00

Sample For: S M HENTGES & SONS INC

Serial #: 11074
 Compartment: Diesel Engine
 Unit #: 20073
 Model #:
 WO #:

Sample #: 120703446
 Date Received: 7/13/12
 Oil Brand: Chevron
 Oil Blend: Delo L-E
 Oil Weight: 15W40

CURRENT SAMPLE INFORMATION						WEAR METALS ANALYSIS									INFRARED ANALYSIS			PHYSICAL TESTS				
Date Taken	Changed		Quarts Oil Added	Meter	Meter on Oil	K Potassium PPM	CU Copper PPM	NA Sodium PPM	FE Iron PPM	CR Chromium PPM	AL Aluminum PPM	SI Silicon PPM	PB Lead PPM	SN Tin PPM				Soot	Sulfation	Oxidation	PQ-Ferrous Debris	Viscosity
	Oil	Filter																				
7/10/12	Y	Y		14187		2	2	5	16	1	4	7	2	0	47	20	17	7	15.2	N	N	N

Interpretation

Results of latest sample indicate elements tested didn't exceed normal specifications for this compartment. No excessive wear is indicated at this time. When the MILES/HOURS ON OIL data are unknown, we use the full oil change interval to analyze the sample.

Recommendation

Continue to monitor compartment by sampling at recommended intervals. Be sure to fill out labels as complete as possible!

TRENDING SAMPLE INFORMATION						WEAR METALS ANALYSIS										INFRARED ANALYSIS			PHYSICAL TESTS				
Date Taken	Changed		Quarts Oil Added	Meter	Meter on Oil	K Potassium PPM	CU Copper PPM	NA Sodium PPM	FE Iron PPM	CR Chromium PPM	AL Aluminum PPM	SI Silicon PPM	PB Lead PPM	SN Tin PPM	Soot	Sulfation	Oxidation	PQ-Ferrous Debris	Viscosity	Anti-Freeze	Fuel Dilution	Water	
	Oil	Filter																					
7/10/12	Y	Y		14187		2	2	5	16	1	4	7	2	0	47	20	17	7	15.2	N	N	N	
5/22/12	Y	Y		13960		3	5	7	29	1	7	16	7	1	57	24	20	5	13.0	N	N	N	
1/04/12	Y	Y		13590	290	1	2	3	15	1	2	3	3	0	43	23	19	1	13.3	N	N	N	
8/19/11	Y	Y		13300	343	1	3	4	31	1	4	6	26	2	81	27	22	8	15.1	N	N	N	
6/23/11	Y	Y		12957	267	2	4	4	14	1	3	4	2	1	34	23	18	15	12.8	N	N	N	
4/13/11	U	U		12690	614	1	6	3	9	0	3	5	1	0	14	21	16	1	12.7	N	N	N	
10/08/10	Y	Y		12076	308	1	0	4	13	0	3	3	2	0	43	25	21	7	15.4	N	N	N	
CURRENT SAMPLE IS INCLUDED IN TRENDING										SEE REVERSE SIDE FOR TEST EXPLANATIONS													

THIS ANALYSIS IS INTENDED AS AN AID IN PREDICTING MECHANICAL WEAR, NO GUARANTEE, EXPRESSED OR IMPLIED, IS MADE AGAINST FAILURE OF THIS COMPONENT.

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