

Customer complaint of machine going through large amount of engine oil with no visible leak. Wash machine and mark fluid levels. Run machine for several hours (approx. 8 hours). Found engine oil dropped, no leaks found. Inspect under cab and behind engine for any sign of leaks, none. Needed to perform compression test as per JCB to confirm if engine needs to be replaced. Test results: Cyl #1 320 PSI, Cyl #2 265 PSI, Cyl #3 270 PSI, Cyl #4 360 PSI. JCB technical support suggested replacing engine. Drained coolant and hydraulic oil. Disconnect engine harness, power, ground cables and removed hydraulic lines from pump set. Drained A/C and remove faulty engine from unit. Transfer components to new engine and installed new engine in unit. Reconnect all electrical, hydraulic and fuel lines. Vacuum test A/C, passed. Charged refrigerant. Installed coolant pack, updated ECU and installed all other parts needed. Ran test unit for functions and leaks, good. Old engine s/n U1021713 New engine s/n U0911216

Serial No

Model

Part Claim Yes No

Recording	Counter reading	Unit
Operation Hours	<input type="text" value="2,022"/>	h

Service Codes:

Service Code ENGINE > ENGINE > ENGINE

Defect Code INOPERATIVE

Cause Code PERISHED

Cure Code REPLACE

Job Card Date/Time

Job Responded Date/Time

Job Completed Date/Time

Add Item

Update

Delete

<input type="checkbox"/>	Item	Item Type	Material	Description	Qty	UoM	Part causing damage	Serial Number	Ref Invoice	Amount Claimed	Curr	S-Number	Amount Approved	Decision
<input type="checkbox"/>	000001	MAT	320/40635	444 TA4-55kW 12V S1	1	EA	No	U1021713		0.00	USD		0.00	
<input type="checkbox"/>	000002	MAT	332/F1707	PRESSURE TRANSDUCER	1	EA	No			0.00	USD		0.00	
<input type="checkbox"/>	000003	MAT	332/X3039	ADAPTOR SAE M-6/SAE F-4	1	EA	No			0.00	USD		0.00	
<input type="checkbox"/>	000004	MAT	320/05693	HEATER - AIR INTAKE - 12v(9812461)	1	EA	No			0.00	USD		0.00	
<input type="checkbox"/>	000005	MAT	320/05567	CASKET AIR DUCT(new 320/05512)	1	EA	No			0.00	USD		0.00	
<input type="checkbox"/>	000006	MAT	320/08608	BELT, DRIVE L=2002	1	EA	No			0.00	USD		0.00	
<input type="checkbox"/>	000007	MAT	826/11377	M10 EXHAUST NUT	3	EA	No			0.00	USD		0.00	
<input type="checkbox"/>	000008	MAT	332/X9183	HOSE - ENGINE TO SENDER (RETURN)	1	EA	No			0.00	USD		0.00	
<input type="checkbox"/>	000009	MAT	320/06036	CASKET TURBO EXHAUST	1	EA	No			0.00	USD		0.00	
<input type="checkbox"/>	000010	MAT	333/P3302	FILTER - RETURN HIGH FLOW	1	EA	No			0.00	USD		0.00	
<input type="checkbox"/>	000011	MAT	4002/1025U	HP HYDRAULIC FLUID 32 5 GAL	2	EA	No			0.00	USD		0.00	
<input type="checkbox"/>	000012	MAT	320/03354	PISTON ABI - CR 93kW	0	EA	Yes			0.00	USD		0.00	
<input type="checkbox"/>	000013	LAB	WAR/LABOUR	Warranty Labour	20	H	No			0.00	USD		0.00	
<input type="checkbox"/>	000014	TRAV	WAR/TRAVEL	Warranty Travel	50	EA	No			0.00	USD		0.00	