

NC MACHINERY



NC POWER SYSTEMS



TRACTOR EQUIPMENT CO.



Service Report

Model 3516
Serial No. 09AN00260

Make AA

Request ID 544115
Work Order No PS94290

Work Order Status Invoiced
Delivered Date

Store No 00
Employee ID [REDACTED]

Contact Name LARRY BRONSON
Contact Phone [REDACTED]

Customer Name OCEAN SERVICES LLC
Customer Number [REDACTED]

Date 12/31/2019
Service Meter 62444
Equipment No
Purchase Order 510485
Job Control RR
P.O. Required NO

Equipment Location PROFORMA SENT KL
Instructions OCEAN GUARDIANGENSET #3

Vehicle No.
Vehicle Make
Vehicle Model
Vehicle Arr. No

Eng Serial No
Eng Make
Eng Model
Eng Arr. No

Product ID No.
Perf Spec
Product Code 41

Seg	Oper	F/R	Task Description	Special Instructions	Warranty Type Code	MCustNo	MCustCls	LCustNo	LCustNo	PCustNo	PCustCls	Cost Center	Component Code	Job Code	Standard Hours
01		0.0000	PERFORM DO NOT USE	CUSTOMER SUPPLIED PORTION OF PARTS				0116830	10			ME	9576	540	0.00
02		0.0000	INSPECT ENGINE									ME	1000	040	0.00

Customer Signature _____

Technician Signature _____

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03	0.0000	DO NOT USE ENGINE	RESEAL FRONT END									ME	1000	982	0.00
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Seg	Oper	F/R	Task Description	Special Instructions	Warranty Type Code	MCustNo	MCustCls	LCustNo	LCustNo	PCustNo	PCustCls	Cost Center	Component Code	Job Code	Standard Hours
04		0.0000	REPLACE CRANKSHAFT REAR SEAL									ME	1161	510	0.00

Seg	Oper	F/R	Task Description	Special Instructions	Warranty Type Code	MCustNo	MCustCls	LCustNo	LCustNo	PCustNo	PCustCls	Cost Center	Component Code	Job Code	Standard Hours
06		0.0000	REPLACE CAMSHAFT									ME	1210	510	0.00

Seg	Oper	F/R	Task Description	Special Instructions	Warranty Type Code	MCustNo	MCustCls	LCustNo	LCustNo	PCustNo	PCustCls	Cost Center	Component Code	Job Code	Standard Hours
07		0.0000	REPLACE ENGINE OIL COOLER									ME	1378	510	0.00

Seg	Oper	F/R	Task Description	Special Instructions	Warranty Type Code	MCustNo	MCustCls	LCustNo	LCustNo	PCustNo	PCustCls	Cost Center	Component Code	Job Code	Standard Hours
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Customer Signature _____

Technician Signature _____

Wednesday, June 08, 2022 01:34 PM



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08 0.0000 DO NOT USE ME 110 0.00

Seg	Oper	F/R	Task Description	Special Instructions	Warranty Type Code	MCustNo	MCustCls	LCustNo	LCustNo	PCustNo	PCustCls	Cost Center	Component Code	Job Code	Standard Hours
10		0.0000	PERFORM DO NOT USE									ME	9580	540	0.00

Seg	Oper	F/R	Task Description	Special Instructions	Warranty Type Code	MCustNo	MCustCls	LCustNo	LCustNo	PCustNo	PCustCls	Cost Center	Component Code	Job Code	Standard Hours
11		0.0000	DO NOT USE ENG OIL FILTER HSG/BASE									ME	1306	982	0.00

Seg	Oper	F/R	Task Description	Special Instructions	Warranty Type Code	MCustNo	MCustCls	LCustNo	LCustNo	PCustNo	PCustCls	Cost Center	Component Code	Job Code	Standard Hours
99		0.0000	TRAVEL TO/FROM	DANOS 2546 STATE RD 662, MORGAN CITY, LA 70380				0116830	10			ME		056	0.00

SERVICE COMMENTS

01 Customer Concern remaining parts ordered on PSC724462/PSC724483/PSC724483 12/31/19

Customer Signature _____

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Model 3516	Make AA	Request ID 544115	Work Order Status Invoiced
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	Repair Comment	Tech ID: 4175 -- tuesday REMOVED WATER LINES AND PUMP THEN FUEL LINES WATER LINE AND HEAT SHIELD FROM LEFT SIDE OF ENGINE. REMOVED UPPER AFTER COOLER HOUSING AFTER COOLER AND LOWER AFTER COOLER HOUSING REMOVED. WHEN TRYING TO REMOVE HEADS WE HAD PROBLEMS WITH BOLTS, SOME OF THE HEADS OF THE BOLTS WERE GETTING STRIPPED WE FINALLY REMOVED THE BOLTS AFTER GETTING A NEW TOOL HEADS CAME OFF AND RIGGED TO THE TOP DECK. WEDNESDAY I REMOVED BOTH TURBOS.
01	Repair Comment	Tech ID: 2660 -- Tuesday, January 07, 2020 1:47 PM - +gather parts from parts warehouse and blue container. check in all parts, consolidate, bag and wrap for shipment.
01	Customer Concern	Tech ID: [REDACTED] -- Friday, February 14, 2020 7:31 AM - Engines were inspected - CYLINDER WERE CHECKED - CAMSHAFT LOBES - VALVE TRAIN - TURBO - AFTERCOOLER - CHECKED VALVE LASH WE RAN ENGINE AND PUT IT ONLINE FOR 1 HR. IT HAD A BLUE HAZE UNDER LOAD. THE VALVES HAD SOOT AROUND GUIDES. THE ENGINE ALSO NEEDS TO HAVE FRONT END RESEALED DUE TO LEAKING STUB SHAFTS AND ACCESORY DRIVES.
01	Customer Concern	Tech ID: [REDACTED] -- Friday, February 14, 2020 8:20 AM -- -REPLACED SUCTION AND FILL HOSE TO OIL PAN. - REMOVED AIR FILTER HOUSINGS - REMOVED GUARD - REMOVED WATER LINES - REMOVED FUEL LINES - REMOVED BED RAIL BOLTS - REMOVED BOLTS FROM HOUSING - REMOVED BOLTS FROM DRIVE - THE ENGINE WAS MOVED FOWARD SO WE COULD ACCESS THE FLYWHEEL AND REAR SEAL. FLYWHEEL WAS REMOVED AND REAR SEAL WAS REPLACE WITH NEW. CLEAN HOUSING AND INSTALLED FLYWHEEL. THE RUBBER DRIVE BLOCKS WERE REPLACED BECAUSE THEY WERE NOT REUSEABLE. THE CUSTOMER SUPPLIED PARTS. INSTALLED DRIVE COMPONENTS AND MOUNTED ENGINE BACK UP. ASSEMBLED DRIVE AND CHECKED END PLAY. INSTALLED ENGINE MOUNT BOLTS AND WATER LINES. THE CREW INSTALLED NEW OIL LINES AND FUEL LINES. AFTER EVERYTHING WAS BACK TOGETHER WE INSTALLED FLUIDS.

Customer Signature _____
 Wednesday, June 08, 2022 01:34 PM

Technician Signature _____
 Report Generated by Wayne Valenta



Service Report

Model	3516	Make	AA	Request ID	544115	Work Order Status	Invoiced
Serial No.	09AN00260	Work Order No	PS94290	Delivered Date			
01	Repair Comment	4175 after engine was torn down i put together the after cooler water pump and replaced amot regulators after that we prepped for heads to go on. we put on first gasket coated in copper sealer. hen put on spacer plates water ferrels and then head gasket we put all the heads on ran down the bolts with a 3/8 impact gun head bolts were torqued to 140 ft lbs then turned 180 degrees clockwise. After heads we put in the intake tubes and lower after cooler housing, bolted up exhaust manifold, installed after coolers all after cooler line installed turbos put in the jacket water pump and finished with small misc. tasks.					
01	Repair Comment	4175- RESEALED THE REGULATOR HOUSING AND INSTALLED NEW REGULATORS AND HARDWARE					
02	Customer Concern	Tech ID: [REDACTED] - Friday, February 14, 2020 8:21 AM - - REPLACED SUCTION AND FILL HOSE TO OIL PAN. - REMOVED AIR FILTER HOUSINGS - REMOVED GUARD - REMOVED WATER LINES - REMOVED FUEL LINES - REMOVED BED RAIL BOLTS - REMOVED BOLTS FROM HOUSING - REMOVED BOLTS FROM DRIVE - THE ENGINE WAS MOVED FOWARD SO WE COULD ACCESS THE FLYWHEEL AND REAR SEAL. FLYWHEEL WAS REMOVED AND REAR SEAL WAS REPLACE WITH NEW. CLEAN HOUSING AND INSTALLED FLYWHEEL. THE RUBBER DRIVE BLOCKS WERE REPLACED BECAUSE THEY WERE NOT REUSEABLE. THE CUSTOMER SUPPLIED PARTS. INSTALLED DRIVE COMPONENTS AND MOUNTED ENGINE BACK UP. ASSEMBLED DRIVE AND CHECKED END PLAY. INSTALLED ENGINE MOUNT BOLTS AND WATER LINES. THE CREW INSTALLED NEW OIL LINES AND FUEL LINES. AFTER EVERTHING WAS BACK TOGETHER WE INSTALLED FLUIDS.					
04	Customer Concern	Tech ID: 3808 - Friday, February 14, 2020 8:42 AM - -REPLACED SUCTION AND FILL HOSE TO OIL PAN. - REMOVED AIR FILTER HOUSINGS - REMOVED GUARD - REMOVED WATER LINES - REMOVED FUEL LINES - REMOVED BED RAIL BOLTS - REMOVED BOLTS FROM HOUSING - REMOVED BOLTS FROM DRIVE - THE ENGINE WAS MOVED FOWARD SO WE COULD ACCESS THE FLYWHEEL AND REAR SEAL. FLYWHEEL WAS REMOVED AND REAR SEAL WAS REPLACE WITH NEW. CLEAN HOUSING AND INSTALLED FLYWHEEL. THE RUBBER DRIVE BLOCKS WERE REPLACED BECAUSE THEY WERE NOT REUSEABLE. THE CUSTOMER SUPPLIED PARTS. INSTALLED DRIVE COMPONENTS AND MOUNTED ENGINE BACK UP. ASSEMBLED DRIVE AND CHECKED END PLAY. INSTALLED ENGINE MOUNT BOLTS AND WATER LINES. THE CREW INSTALLED NEW OIL LINES AND FUEL LINES. AFTER EVERTHING WAS BACK TOGETHER WE INSTALLED FLUIDS.					

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- 06 **Customer Concern** Tech ID: [REDACTED] - Friday, February 14, 2020 9:06 AM -

 - REMOVED CAM COVER
 - REMOVED CAM SENSOR
 - REMOVED CAM GEARS
 - REMOVED CAMSHAFTS

REMOVED CAMSHAFTS AND INSPECTED BEARING. THE BEARING MET CAT SPEC SO THE BEARING WERE REUSED. ONCE THE CAMS ARRIVED WE RIGGED THEM DOWN STAIRS AND INSTALLED THEM. THEN WE INSTALLED GEARS AND COVER PLATES

- 07 **Customer Concern** Tech ID: [REDACTED] - Friday, February 14, 2020 9:08 AM -

 - REMOVED COOLANT
 - DRAIN OIL OUT OF OIL COOLER
 - REMOVED WATER PIPING
 - REMOVED OIL PIPING
 - REMOVED OIL COOLER AND CLEANED UP OIL COOLER BONNETS. INSTALLED BONNETS ON NEW COOLER AND INSTALLED COOLER. INSTALLED PIPING AND THEN FILLED ENGINE WITH
 - REPLACED OIL LINE WITH NEW.

- 08 **Customer Concern** Tech ID: [REDACTED] - Friday, February 14, 2020 9:06 AM -

- 10 **Customer Concern** Tech ID: [REDACTED] - Friday, February 14, 2020 9:48 AM -

 - OIL PSI CHECKED, SHUTDOWN AT 10PSI
 - HIGH WATER TEMP, SHUTDOWN AT 216
 - I ASKED CHIEF IF HE WANTED TO INCREASE SHUTDOWN TO 225 DEGREE FOR SHUTDOWN BUT HE WANTED IT TO STAY 216 DEGREES.

- 11 **Customer Concern** Tech ID: [REDACTED] Friday, February 14, 2020 9:38 AM -

 - DRAIN COOLANT
 - REMOVED EXPANSION TANK
 - REMOVED AUX OIL FILTER HOUSING
 - REMOVED FILTER SELECTOR
 - CLEANED OUT FILTER HOUSING
 - INSTALLED COVER PLATE
 - INSTALLED COVER STAND
 - REPLACE WATER LINE EXPANSION JOINT COUPLINGS
 - INSTALLED EXPANSION TANK AND FILLED ENGINE WITH FLUIDS.

Customer Signature _____

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