

Inv Date 3/18/2024
Terms - Net 15

PO #	Ship Via	FOB	Make Torco	Model TX-427	Serial # 401272673	Unit #	Meter 547
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Problem/Customer Complaint-Engine or hydraulic pump locked up. Crankshaft will not turn

2/6/2024-Troubleshoot/Diagnose-

Checked oil and it is full. Removed hydraulic cooler. Removed bolts holding front grill. Took side panels off and checked to make sure is not hydro locked. Engine is not hydro locked. Disconnected battery and took starter out and could not get flywheel to move. Took muffler out to get to hydraulic pump. Engine and pump are connected via rubber bushing used a pry bar to check if hydraulic pump would move and it does. Used pry bar to check engine side of connection and it does not move at all verifying engine is locked up. Took oil filter off and found glitter in oil. Gave customer price on engine. Customer approved. engine is ordered.

2/23/24-

Took front grill off. Took two lines off hydraulic pump. Took pump off and slipped flange off pump. Took pump bracket off engine. Took battery tray out. Took back cover off and brackets off. Disconnected fuel tank and took fuel tank off. Took hydraulic drive belt off. Took bolts holding engine to frame off. Chained up engine and use fork lift to get engine out. Put engine on bench and took new engine out of box and on bench next to old engine. Switched over hydraulic pump coupler over to new engine. Switched over belt pulley, intake and shield. Set new Engine in engine bay. Had pats help bolting engine to frame. Reinstalled hydraulic pump drive belt. Installed gas tank and battery tray. Installed back cover and brackets.

2/24/24-

Hooked up wires going to starter and to engine. Installed hydraulic pump and connected 2 lines to it. Hooked up linkage from pump to engine. Installed muffler. Installed hydraulic oil cooler. Had to loosen up front counter weight to get front grill on. Installed front grill. Filled unit with 1.5 quarts of oil. Hooked up throttle cables. Installed platform stand on back of unit. Installed battery. Fired unit up. Unit starts now. While unit was running installed side grills. Attempted to move unit but parking brake was stuck. Finally got it freed up. Pulled unit outside and function tested. Unit needs throttle adjustment and parking brake adjusted.

2/26/24-

Took side cover off and lubed parking brake cable. Parking brake freed up and now works as it should. Adjusted throttle. Washed unit. Greased and lubed unit. Returned unit to customer.

New Engine Install

Part #		Description	Bin	Qty	BO	Shipped
HY61966	Main	Engine Oil Sae 5W-30	FR3G	4	0	4
1401110H1	Main	10W30-CK43X1FG	New	1	0	1
HY54504	Main	ATF-GL	FR3H	1	0	1
3EB-99-F5170	Main	NONCHL BRAKE	FR3C	1	0	1
GH740 - New Engine				1	0	1
Freight in				1	0	1
Misc Supplies				1	0	1
Transportation Fee One way				1	0	1
Labor						

Total

\$6,975.51

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