



Kearl

Planned Maintenance Service

Equipment Type (Must be model #)	374D Excavator	Hour Meter	29274
Interval	B	Document to be saved as:	
		W/O #	13306620
Unit Number	EEX5105	Equipment Sub Type	Excavator
Sharepoint File Path:	http://ishareteam2.na.xom.com/sites/EMPC0597/ORG01/SitePages/Maintenance%20Department.aspx		

Technicians:

All personnel performing tasks within must sign on here

Dwayne Christie
Name (please print)

7125964
Employee Number

Initials

TYLER WOETTE
Name (please print)

Employee Number

Initials

Glenne Navalta
Name (please print)

Bouchier
Employee Number

Initials

Cole Gurin
Name (please print)

Employee Number

Initials

Name (please print)

Employee Number

Initials

MAY 5 2019
Date Started

2:15 P.M.
Time Started

Instructions:

- 1 Initial each task based on the action taken
- 2 Record any delays encountered at end of task list
- 3 Record required repairs greater than 10 minutes on found work list at end of document
- 4 Routine repairs taking less than 10 Minutes can be performed during service. Note action taken beside task description.
- 5 Task written in Bold are for A or B critical systems

RECEIVED

MAY 17 2019

A/P CALGARY 01

Good	Repair Completed	Repair Required
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Running Checks

(i) Radio or Call Maintenance Dispatch to have reason code changed to "PM/Service"

- 1 Take engine oil sample.
- 2 Take hydraulic oil sample.
- 3 Take swing drives oil samples.
- 4 Take final drives oil samples.
- 5 Inspect all lighting for proper operation, mounting and associated wiring for damage.
- 6 Inspect quick attach; operation, wear on wedge, play on pins, 4 dust o rings in place, side play between stick and attachment, links for damage and play.
- 7 Inspect boarding ladder function and safety controls: warning lights, audible alarm and hydraulic interlock
- 8 Check implement controls, indicators and gauges for proper operation. If required, check and record logged faults from the electronic control systems.

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Engine

- 9 Change engine oil and filter (P/N 244-4484) - cut and inspect oil filter.
***Inspect flywheel housing magnetic plug and report findings to Reliability.
- 10 Thorough inspection of air induction and exhaust systems for: cracks, rubbing parts, evidence of leaks, loose or missing hardware and tightness of clamps.
- 11 Blow out engine inlet air precleaner and cyclone/turbine to remove dirt and trash build-up.
- 12 Inspect fuel tank and lines for damage and leaks.
- 13 Check engine cooling system for leaks. Inspect all cooling system hoses for leaks due to cracking or softness next to clamps, rubbing parts, tighten loose clamps.
- 14 Inspect engine compartment for leaks.
- 15 Replace primary air intake filter element (P/N 106-3969). Reset air filter indicator(s) as required.
- 16 Replace primary and secondary fuel filter elements (P/N 364-5286 and 1R-0755) - cut and inspect secondary fuel filter.

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Initial based on action taken,
record required repairs in found work list

Good	Repair Completed	Repair Required
QY		

- 17 Inspect fan, hub and radiator mounting brackets for cracks, loose hardware and failing rubber isolation mounts. Check for loose hardware on center cross braces.

Implement

- 18 Inspect implement and boom for leaks, cracks, damage and loose or missing hardware. Ensure adequate lubrication of all pins and linkage.
- 19 Check boom pivot pins for adequate lubrication and grease as required.

		W
GN		

Cab

- 20 Check condition of walkways, steps and handholds. *Left Rear car body walkway crack*
- 21 Inspect covers and guarding for damage and loose or missing hardware.
- 22 Inspect for presence and expiry date of Quantum Eye CO detector: if missing, replace with new, part is stocked at site, MM: 66114674.
- 23 Inspect cab door weather stripping - if defective or damaged replace with new.
- Inspect seat belt and mounting for wear, damage, and correct operation.
- 24 Check dates on the seatbelt; must be within 3yrs of installation or if decal is missing 3yrs of manufacture.
- 25 Replace cab air filters (P/N 293-1183 and 245-7823).
- 26 Inspect condition of FOPS, ROPS or TOPS for damage, and loose or missing hardware.
- Inspect hydraulic ladder pivot and cylinder pins for wear, hydraulic lines for leaks and rubbing, wiring harness for abrasions, latch system for integrity and smooth operation
- 27 Grease ladder pivot and cylinder pins, check reservoir oil level and top up if needed
- 28

		QY
QY		
QY		
QY		
QY		
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B		
QY		
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General Checks

- 29 Replace hydraulic system pilot oil filter (P/N 126-1814) - cut and inspect filter.
- 30 Lubricate Swing Bearing. Verify auto greaser is functioning and inspect line for damage.
- 31 Inspect battery and starting cables.
- 32 Inspect hydraulic fittings, hoses, and lines for damage, rub points, leaks, and loose or missing hardware.

QY		
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Initial based on action taken,
record required repairs in found work list

- 33 **Inspect hydraulic cylinders for damage, leaks and loose or missing hardware.**
- 34 Inspect hydraulic tank area for damage and leaks.
- 35 **Inspect swing drive(s) for leaks and check oil level.**
- 36 **Hammer test swing gear mounting bolts for tightness.**
- 37 Change final drive oils.

Good	Repair Completed	Repair Required
QJ		
QJ		
GN		
QJ		
W		

B' Interval Specific Tasks

- 38 Replace both hydraulic case drain oil filter (P/N 223-7809) - cut and inspect both filters.
- 39 Replace hydraulic return oil filter (P/N 126-2131) - cut and inspect filter.
- 40 Inspect radiator core for leaks, bent fins, and plugging. Inspect top and bottom tank joints for leaks.
- 41 Inspect condition of the serpentine belt. Check the following: condition of pulley grooves, idler pulley bearings, and correct operation of all moving parts.
- 42 Inspect hydraulic cooler for leaks and loose or missing hardware. Check for damage, and dirt or trash build-up.
- 43 Kidney loop hydraulic oil for as close to 6 hours as possible. Take particle count at end of filtering duration.
ISO Count: BROKEN

QJ		
GN		
QJ		
QJ		
QJ		
W		

Final Checks

Final Checks

- 1 Check all Fluid Levels and top up as necessary
- 2 Check all lights are working
- 3 Check there are no operator warning lights on in cab
- 4 Ensure fire suppression system is enabled *still in shop*
- 5 Review this document to ensure all tasks are initialed

Initial

<i>CJ</i>
<i>CJ</i>
<i>CJ</i>
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<i>CJ</i>

All personel performing tasks within must sign off here

Cole Gurin

Name (please print)

CJ

Signature

Name (please print)

Signature

Name (please print)

Signature

Name (please print)

Signature

Supervisor Name (please print)

Supervisor Signature

May 5/19

Date Completed

Time Completed

Found Work List

Priority (complete work in this order)	Description	Part Numbers	Estimated Repair Time	Supervisor Approval* (initial)	PM Task Reference
	grease system don't work	DONE			
	NO window washer, hose broken at upper arm	DONE			
	Check Accumulator for Pilot circuit. It did not bleed the system down				
	Left side track tensioner	DONE			
	is not taking grease.				
	STARTER MISSING MOUNT BODY. (found in Boston Dinsdale.)	DONE			

*Work will be scheduled for a later date unless initiated by supervisor as required to be completed immediately, complete in priority order in this case

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Found Work List

Priority (complete work in this order)	Description	Part Numbers	Estimated Repair Time
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Supervisor Approval* (initial)	PM Task Reference	Notification Number

	Note any Delays Encountered (tooling, parts, shop space, etc...)	Time Lost
1		
2		
3		
4		