

F12-30

CSA DEERE 450D PM2 500 HOUR

PM

3 0 22 4

Inspection Number 15076657
Serial Number FF450DX613925

Customer No N030
Customer Name SANDERS
CONTRACTING INC
(CA-0030116)

Make DEERE & CO.
Model DER450D

Work Order 2297057
Completed On 11/21/2023 10:17:10
AM

Equipment Family Wheel Excavators

Inspector Dave Genzler

Asset ID SX461

PDF Generated On 11/21/2023

SMU 10530 Hours

Coordinates 0, 0, 0

Technician A A

General Info & Comments

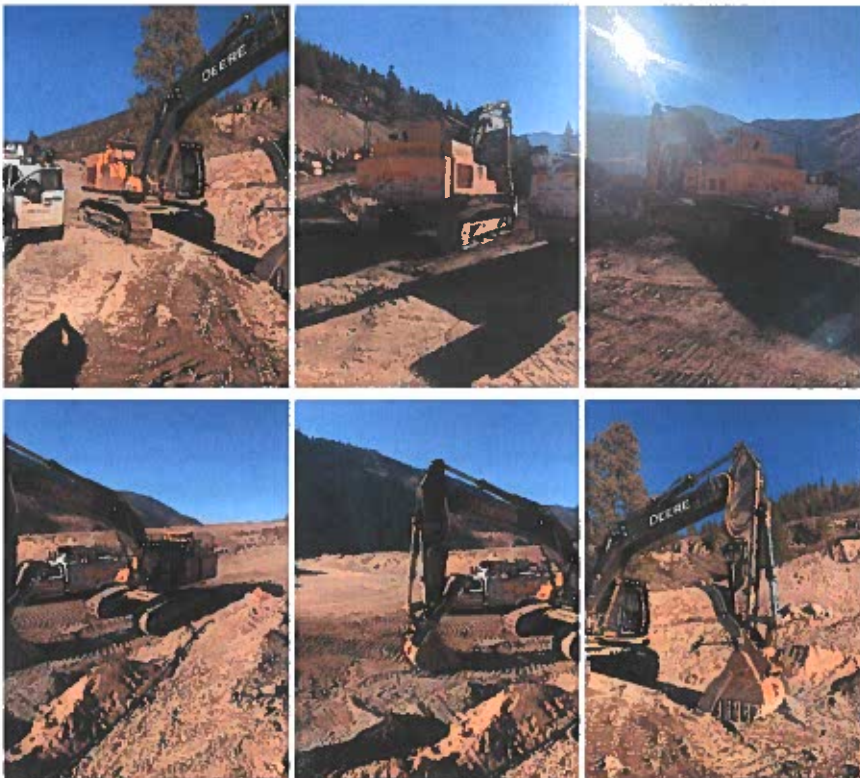
General info/Comments

NORMAL

PM2 500 HR

1.1 TAKE 4 CORNER PICTURES OF MACHINE, NOTE ANY DEFICIENCIES

NORMAL



| | | |
|---|---|--------|
| ● | 1.2 REFILL WINDSHIELD WASHER BOTTLE | NORMAL |
| ● | 1.3 TAKE & ANALYZE SOS FROM ENGINE OIL | NORMAL |
| ● | 1.4 REPLACE ENGINE OIL AND FILTER | NORMAL |
| ● | 1.5 REPLACE WATER SEPARATOR ELEMENT | ACTION |
| | Comments: Only one of 4 fuel filters was supplied | |
| ● | 1.6 REPLACE FUEL FILTER ELEMENT | ACTION |
| | Comments: Only one of 4 fuel filters was supplied | |
| ● | 1.7 TAKE & ANALYZE SOS FROM HYDRAULICS | NORMAL |
| ● | 1.8 DRAIN HYDRAULIC TANK SUMP | NORMAL |
| ● | 1.9 INSPECT PRIMARY AIR FILTER, REPLACE WHEN REQUIRED | NORMAL |
| ● | 1.10 INSPECT SECONDARY AIR FILTER, REPLACE WHEN REQUIRED | NORMAL |
| ● | 1.11 INSPECT CAB AIR FILTER(S), REPLACE WHEN REQUIRED | NORMAL |
| ● | 1.12 TAKE & ANALYZE SOS FROM ENGINE COOLANT | NORMAL |
| ● | 1.13 TAKE & ANALYZE SOS FROM TRAVEL GEAR CASE OIL | NORMAL |
| ● | 1.14 CHECK TRAVEL GEAR CASE OIL LEVEL | ACTION |
| | Comments: Left final drive is overfull- possible hydraulic oil transfer | |
| ● | 1.15 TAKE & ANALYZE SOS FROM SWING GEAR CASE OIL | NORMAL |
| ● | 1.16 CHECK SWING GEAR CASE OIL LEVEL | NORMAL |
| ● | 1.17 TAKE & ANALYZE SOS FROM PUMP DRIVE OIL | N/A |

● 1.18 CHECK PUMP DRIVE GEAR CASE OIL LEVEL N/A

Comments: This is a dry pump drive

● 1.19 REPLACE PUMP CASE DRAIN FILTER NORMAL

● 1.20 INSPECT AND RE-TORQUE TRACK HARDWARE N/A

● 1.21 CHECK RADIATOR COOLANT LEVEL AT TANK IN GLASS

● 1.22 CHECK AIR INTAKE HOSE NORMAL

● 1.23 CHECK BATTERY ELECTROLYTE LEVEL AND TERMINALS NORMAL

● 1.24 LUBRICATE SWING BEARING GEAR AND REPLACE GASKET N/A

● 1.25 LUBRICATE SWING BEARING NORMAL

● 1.26 LUBRICATE MACHINE, AS REQUIRED NORMAL

ADDITIONAL WORK


● 2.1 WAS ANY ADDITIONAL WORK REQUESTED? IF SO, INDICATE WHAT WAS DONE NORMAL

● 2.2 DID ANY ADDITIONAL WORK NOT GET COMPLETED? IF SO, INDICATE WHAT WAS NOT COMPLETED NORMAL

CSA DEERE 450D PM4 2000 HOUR

PM

● 3 ● 1 ● 26 ● 9

| | | | |
|-------------------|---|------------------|-----------------------|
| Inspection Number | 10356682 | Customer No | N030 |
| Make | DEERE & CO. | Customer Name | Sanders Contracting |
| Serial Number | FF450DX613925 | Customer Phone | +12503153713 |
| Model | DER450D | Customer Email | dougcurrie55@live.com |
| Equipment Family | Wheel Excavators | Completed On | 2022-10-15 3:01:14 PM |
| Asset ID | SX461 | Inspector | Dylan Todd |
| SMU | 10140 Hours | Work Order | 2182662 |
| Location | Clapperton | PDF Generated On | 2022-10-15 |
| Coordinates | 0, 0, 0 | | |
| Technician |  | | |

General Info & Comments

General info/Comments

MONITOR



Image Comment(s):Stick to bucket joint worn



Image Comment(s):Light on on RH side of boom



Image Comment(s):Pads loose throughout. Both sides. At least one bolt missing on RH track group



Image Comment(s):LH master pin walking out

PM4 2000 HR

- 1.1 TAKE 4 CORNER PICTURES OF MACHINE, NOTE ANY DEFICIENCIES

NORMAL



- 1.2 REFILL WINDSHIELD WASHER BOTTLE

N/A

- 1.3 TAKE & ANALYZE SOS FROM ENGINE OIL

NORMAL

- 1.4 REPLACE ENGINE OIL AND FILTER

NORMAL

- 1.5 REPLACE WATER SEPARATOR ELEMENT

NORMAL

- 1.6 REPLACE FUEL FILTER ELEMENT

NORMAL

- 1.7 TAKE & ANALYZE SOS FROM HYDRAULICS

NORMAL

- 1.8 REPLACE HYDRAULIC PILOT OIL FILTER

NORMAL

- 1.9 DRAIN HYDRAULIC TANK SUMP

N/A

- 1.10 REPLACE HYDRAULIC TANK CAP BREATHER ELEMENT NORMAL
- 1.11 REPLACE HYDRAULIC OIL FILTER NORMAL
- 1.12 INSPECT PRIMARY AIR FILTER, REPLACE WHEN REQUIRED NORMAL
- 1.13 INSPECT SECONDARY AIR FILTER, REPLACE WHEN REQUIRED NORMAL
- 1.14 INSPECT CAB AIR FILTER(S), REPLACE WHEN REQUIRED NORMAL
- 1.15 REPLACE AIR CLEANER ELEMENTS NORMAL
- 1.16 TAKE & ANALYZE SOS FROM ENGINE COOLANT NORMAL
- 1.17 TAKE & ANALYZE SOS FROM TRAVEL GEAR CASE OIL NORMAL

- 1.18 DRAIN AND REFILL TRAVEL GEAR CASE OIL ACTION

Comments: * LH final drive had puddle of oil under it. Possible duo cone leak. Oil level wasn't down much

- 1.19 CHECK TRAVEL GEAR CASE OIL LEVEL ACTION

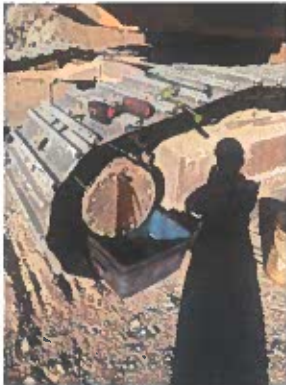


Image Comment(s):RH final full of hydraulic oil. Possible travel motor issue

- 1.20 TAKE & ANALYZE SOS FROM SWING GEAR CASE OIL NORMAL

- 1.21 CHECK SWING GEAR CASE OIL LEVEL NORMAL

- 1.22 DRAIN AND REFILL SWING GEAR CASE OIL NORMAL
- 1.23 TAKE & ANALYZE SOS FROM PUMP DRIVE OIL N/A
- 1.24 CHECK PUMP DRIVE GEAR CASE OIL LEVEL N/A
- 1.25 REPLACE PUMP CASE DRAIN FILTER ACTION



Image Comment(s): Large chunks found when filter is removed.

- 1.26 DRAIN, FLUSH AND REFILL COOLING SYSTEM N/A
- 1.27 INSPECT AND RE-TORQUE TRACK HARDWARE N/A
- 1.28 ADJUST ENGINE VALVE LASH NORMAL
- 1.29 CHECK RADIATOR COOLANT LEVEL AT TANK IN GLASS
- 1.30 CHECK AIR INTAKE HOSE NORMAL
- 1.31 CLEAN ENGINE CRANKCASE VENT TUBE AND HOSE NORMAL
- 1.32 CHECK COOLANT IN GLASS
- 1.33 CHECK BATTERY ELECTROLYTE LEVEL AND TERMINALS NORMAL

- 1.34 LUBRICATE SWING BEARING GEAR AND REPLACE GASKET N/A
- 1.35 LUBRICATE SWING BEARING NORMAL
- 1.36 LUBRICATE MACHINE, AS REQUIRED NORMAL

ADDITIONAL WORK

- 2.1 WAS ANY ADDITIONAL WORK REQUESTED? IF SO, INDICATE WHAT WAS DONE N/A
- 2.2 DID ANY ADDITIONAL WORK NOT GET COMPLETED? IF SO, INDICATE WHAT WAS NOT COMPLETED N/A