(CAT OFFICIAL) - Track-Type Tractor TA1

TA1

18 0 38 4

Inspection Number	31337411	Customer No	
Serial Number	8ZR00358	Customer Name	
Make	CATERPILLAR	Work Order	
Model	D11R	Completed On	
Equipment Family	Large Track Type Tractor	Inspector	
SMU	30735.5 Hours	PDF Generated On	
Location		Coordinates	
Technician			

General Info & Comments

General info/Comments *ACTION*







Image Comment(s): Oil leak on ripper hydraulic valve.



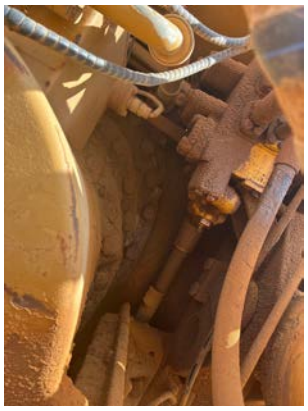


Image Comment(s): Oil leak on differential/transmission

Prepare Machine

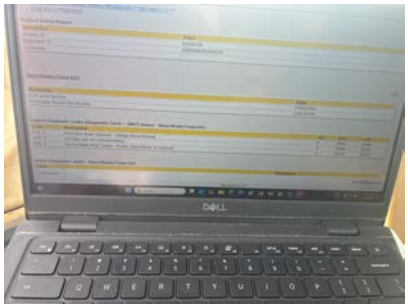
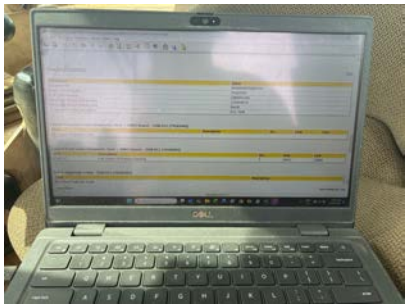
1.1 Check with customer for operator complaints *N/A*

1.2 Perform machine inspection preparation *NORMAL*

1.3 Perform Site Safety and Pre-Start Inspection *COMPLETE*

1.4 Download machine fault codes *FAIL*

Comments: No active codes.

1.5 Check Product Link *NO*

Comments: Running old product link. Last check in 06/2024



1.6 Observe engine exhaust colors *NORMAL*

View Video

1.7 Listen for unusual noises *NORMAL*

View Video

Lower-Level Inspection

2.1 Final drives and sprockets — *NORMAL*





Image Comment(s): Left sproket **Image Comment(s):**Left final drive magnetic plug.



Image Comment(s): Right final drive magnetic plug.

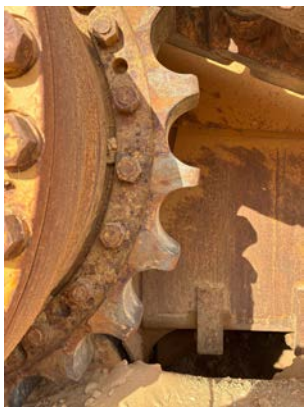


Image Comment(s): Right sprocket.

2.2 Carrier rollers — *N/A*

2.3 Track rollers — *NORMAL*

2.4 Track roller bogies — *NORMAL*

2.5 Front and rear idlers — *NORMAL*

2.6 Track guides — *NORMAL*

2.7 Track shoes *NORMAL*

2.8 Track links, pins, and bushings *NORMAL*

2.9 Track roller frame *ACTION*

Comments: Oil weeping

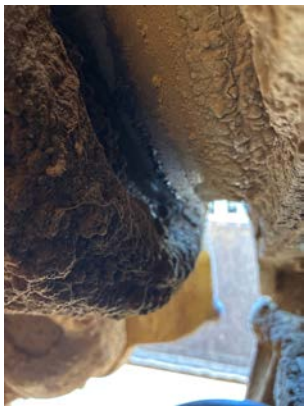


Image Comment(s): Left



Image Comment(s): Left

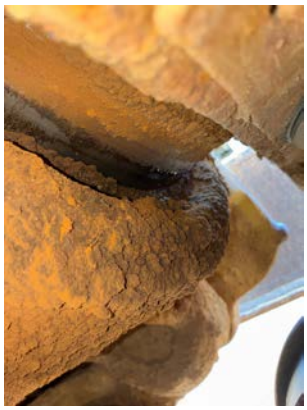


Image Comment(s): Left

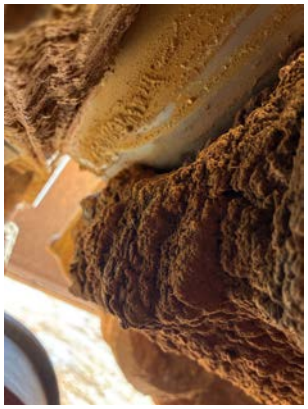


Image Comment(s): Right



Image Comment(s): Left



Image Comment(s): Left



Image Comment(s): Right

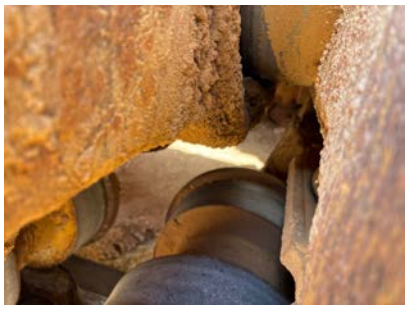


Image Comment(s): Right

2.10 Equalizer bar

ACTION

Comments: Equalizer bar right side bushes have moved. Left side front has moved a small amount.







Image Comment(s): Right side front **Image Comment(s):**Right side rear. **Image Comment(s):**Right rear.

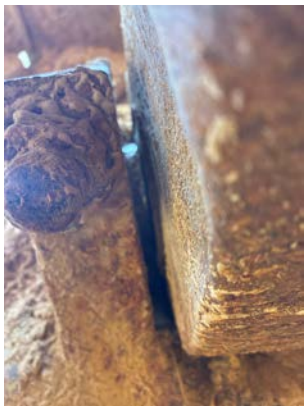




Image Comment(s): Left side rear. **Image Comment(s):**Left side front.

2.11 Pivot shaft

NORMAL

2.12 Bottom Guard

ACTION





Image Comment(s): Rear, under differential/transmission

Middle-Level Inspection

3.1 Steps and Handrails

ACTION

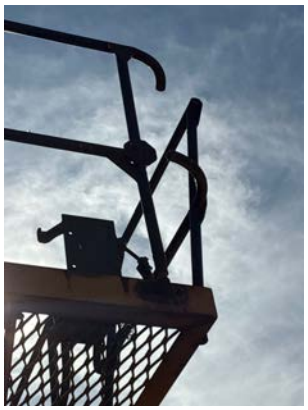




Image Comment(s): Left rear corner, broken on corner

3.2 Work Lights

ACTION



Image Comment(s): Rear right missing.



Image Comment(s): Rear left no wiring.



Image Comment(s): Front right not working



Image Comment(s): Front left not working



Image Comment(s): No lights on bonnet.

3.3 Hood and Platform

NORMAL

3.4 Cooling Fan, Fan Guard and Shroud

NORMAL

3.5 Radiator, Aftercooler, Oil Cooler & Condenser — *ACTION*

Comments: Bottom right side of radiator moist. Possible coolant leak. Coolant level OK.








3.6 Radiator Cap — *NORMAL*

3.7 Upper and Lower Radiator Lines, Air Inlet Lines and Aftercooler Lines — *NORMAL*

3.8 Precleaner and Air Cleaner — *NORMAL*

3.9 Cylinder Head and Valve Cover — *ACTION*






3.10 Turbocharger — *NORMAL*

Comments: Guard on turbo broken.



3.11 Exhaust Manifold — *NORMAL*

3.12 Pulleys, Belts, Compressor Clutch and Alternator — *NORMAL*

3.13 JW Water Pump — *NORMAL*

3.14 Engine wiring harness — *NORMAL*

3.15 Fuel Lines, Fuel Pump and Fuel Filter Base — *NORMAL*

Upper-Level Inspection

4.1 Cab Exterior — *ACTION*

Comments: Broken front windscreen. Wiper bent. Washers broken and disconnected at fill tank.





Image Comment(s): Left cab door wiper bent up.



Image Comment(s): Washer hose broken.

4.2 Cab Interior — *NORMAL*

4.3 Battery & Cables — *NORMAL*

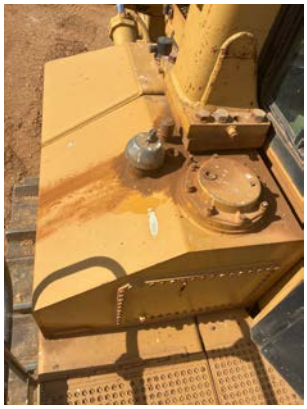
4.4 Power train and hydraulic oil filter compartment — *NORMAL*

4.5 Hydraulic Tank

ACTION

Comments: Oil level low. Not on sight glass.





4.6 Backup Alarm

FAIL

Comments: Alarm not working.

Implement/Attachment Inspection

5.1 Blade and trunnion ball joints, stabilizer bar, tilt and angle cylinders

ACTION





Image Comment(s): Blade stabiliser bar trunnion balls and caps worn.

Image Comment(s): Right blade tilt cylinder leaking

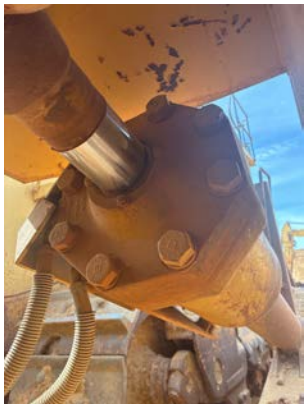


Image Comment(s): Left blade tilt cylinder moist but no leak runs.





Image Comment(s): Left cylinder to blade linkage broken.



5.2 Blade lift cylinder

ACTION

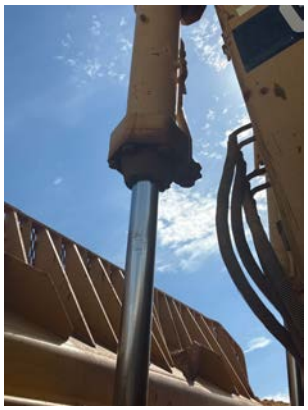
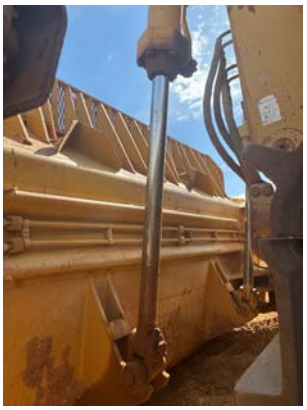



Image Comment(s): Left cylinder leaking.

5.3 Blade cutting edges and end bits

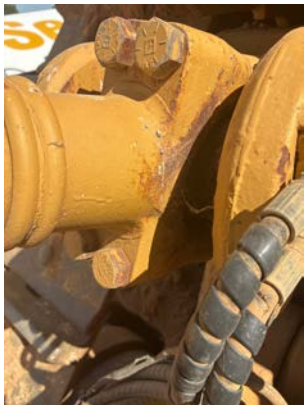
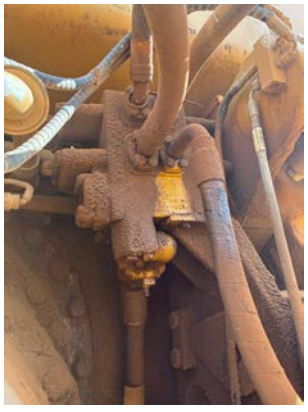
NORMAL

5.4 Ripper

ACTION

Comments: Ripper tilt cylinder trunnion ends worn. Right side extremely poor. Oil leak on ripper hydraulic valve.



5.5 Ripper cylinders *ACTION*



Site Conditions

6.1 Ambient Temperature in Engine Room *NORMAL*

6.1.1 (90° to 115°F or 0° to -20°F) - ACTION: Above 46°C or Below -29°C (Above 115° or Below -20°F)

6.2 Altitude *NORMAL*

6.3 Haul Road Grade *NORMAL*

6.4 Haul Road Condition *NORMAL*

6.5 Humidity *NORMAL*

6.6 Air Quality *NORMAL*

6.7 Underfoot Condition *NORMAL*

6.8 Machine Utilization *NORMAL*

6.9 Equipment Role *SELECT TO ADD TEXT*

6.10 Working Material *NORMAL*

6.11 Maintenance Practices *NORMAL*

Comments: No recent service stickers. Machine lacking grease.



Prepare Machine Conditions

7.1 Take photo of SMU *CONFIRMED*



7.2 Take photo of Serial Number Plate *CONFIRMED*



7.3 Verify asset is connected. Take picture/video of flashing blue light *NOTCONNECTED*

Comments: Old product like. Last connected 6th month 2024.

7.3.1 What is SMU in VisionLink?