



HEAVY EQUIPMENT REPAIRS

SERVICE REPORT

CUSTOMER:

Bitu-mill Pty Ltd
133 METROLINK CCT
CAMPBELLFIELD VIC 3061
08 8347 2903

Date:

Tue 28 Nov 2023

Job Number:

943

Purchase Order Number:

Y58

Archer Heavy Equipment

Repairs Pty Ltd

PO BOX 1337

Golden Grove SA 5125

ACN: 634 143 892

A/C Auth: AU47242

0484 272 437

admin@aher.com.au

Job: 500HR Service

Customer Instruction: Carry out 500HR Service

Complete Governor calibration

Complete Joystick Calibration

Asset

Asset A-184337 Skid Steer			
Customer ref	Y58	Serial number	CAT0246DLJSL00520
Make	CAT	Model number	246D

Skid Steer Service Inspection	
Date	23rd Nov 2023
Completed by	Angus Elliott

Work completed

Carried out 500HR service Filters replaced: engine, fuel, outer air Oils replaced: engine oil Noted all faults found Diagnosed LHS indicator not working, found open circuit in harness and a pre existing by pass wire

Hours	5553HRS
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	Answer
Interior Lights & Warning Lights/Alarms	OK
Head Lights, Tail Lights & Work Lights	CRITICAL-NEEDS REPAIR
Indicators & Hazard Lights	CRITICAL-NEEDS REPAIR
Flashing Light/s	OK
Horn	OK
Seat Belt	OK
Seat	OK
HVAC System Including Filters	OPERATIONAL-SIGNS OF WEAR
Reversing Camera	OK
Reversing Lights & Alarm	OK
Two Way Radio	OK
Shutdown Systems & Emergency Stops	OK
Windows/Windcreens & Mirrors	OK
Windscreen Washers and Wipers	OK
Door Handles, Grabrails & Steps	OK
Battery Charge Rate & Mounting	OK
Battery Terminals & Wiring	OK
Equipment Wiring Harness	OK
Grease System Operation & Condition	CRITICAL-NEEDS REPAIR

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.	Answer
Pre-Cleaner Condition	OK
Air Filter Condition	OK
Engine Oil Level & Leaks	OK
Coolant Level, Leaks & Radiator Cleanliness	OPERATIONAL-SIGNS OF WEAR
Chain Case Level & Leaks	OK
Final Drive/Duo Seal Oil Levels & Leaks	OPERATIONAL-SIGNS OF WEAR
Hydraulic Oil Level & Leaks	OK
Fuel System Leaks	OK
Intake System Clamp Security & Condition	OK
Exhaust System Condition & Leaks	OK
Drive & Accessory Belts Tension & Condition	OK
Hydraulic Pumps, Valving & Hose Condition	OK
Alternator Mounting	OK
Starter Motor Mounting	OK
A/C Compressor Mounting	OK
Engine Fan Mounting & Condition	OK
Engine Mounts	OK
ROPS Mounts	OK
Cabin Mounts	OK

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.	Answer
Fuel Tank Mounts	OK
Hydraulic Tank Mounts	OK
Radiator/Cooling Pack Mounts	OK
Chassis & Frame Cracks/Loose Bolts	OK
Boom Cylinders Movement & Condition	OPERATIONAL-SIGNS OF WEAR
Tilt Cylinder/s Movement & Condition	OPERATIONAL-SIGNS OF WEAR
4 IN 1 Cylinders Movement & Condition	NOT APPLICABLE
Boom Pin Movement	OK
Tilt Linkage Movement	OK
Quick Hitch Movement & Condition	OK
Bucket Pin Movement	NOT APPLICABLE
Track Condition & Adjustment	NOT APPLICABLE
Rollers, Idlers & Sprockets Condition	NOT APPLICABLE
Tyre/Rim Condition & Pressure	OPERATIONAL-SIGNS OF WEAR
Wheel Nut Tension	OK
Bucket Condition	NOT APPLICABLE
G.E.T. Condition	OK
Fire Extinguisher	OK
Service Sticker	☒

Comments

Carried out 500HR service
Filters replaced: engine, fuel, outer air
Oils replaced: engine oil

... — Boom Cylinders Movement & Condition

Raised by Angus Elliott	23/11/2023 12:07 PM	Priority	Medium
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DEFECT DESCRIPTION

Boom cylinders have movement in pins and both ends

DEFECT IMAGES



.. — Coolant Level, Leaks & Radiator Cleanliness

Raised by Angus Elliott	23/11/2023 12:11 PM	Priority	High
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DEFECT DESCRIPTION

Water pump weeping - getting worse

DEFECT IMAGES



Defect for A-184337

Status: New

.. — Final Drive/Duo Seal Oil Levels & Leaks

Raised by Angus Elliott	23/11/2023 12:06 PM	Priority	Medium
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DEFECT DESCRIPTION

Both front final drives are weeping - getting worse

DEFECT IMAGES



. — Grease System Operation & Condition

Raised by Angus Elliott	23/11/2023 12:05 PM	Priority	Critical
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DEFECT DESCRIPTION

Grease nipple snapped off RHS boom cylinder - rod end

DEFECT IMAGES



RESOLUTION

Removed and replaced grease nipple

PHOTO OF RESOLUTION



. — Head Lights, Tail Lights & Work Lights

Raised by Angus Elliott	23/11/2023 12:04 PM	Priority	Critical
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DEFECT DESCRIPTION

LHS front head light does not work

DEFECT IMAGES



RESOLUTION

Removed blown head light and replaced with new one

PHOTO OF RESOLUTION



Defect for A-184337			Status: New
. — HVAC System Including Filters			
Raised by Angus Elliott	23/11/2023 12:12 PM	Priority	Medium

DEFECT DESCRIPTION

External filter housing missing locking tab

DEFECT IMAGES



. — Indicators & Hazard Lights

Raised by Angus Elliott	23/11/2023 12:05 PM	Priority	Critical
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DEFECT DESCRIPTION

LHS front indicator does not work

DEFECT IMAGES

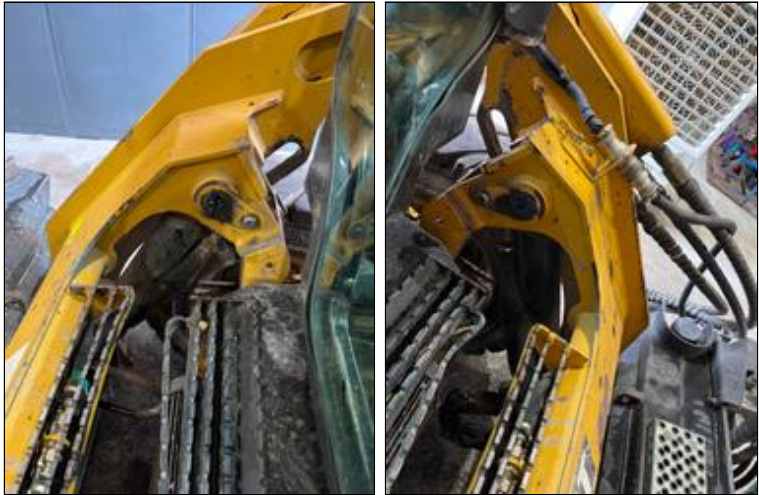


Defect for A-184337			Status: New
... — Tilt Cylinder/s Movement & Condition			
Raised by Angus Elliott	23/11/2023 12:09 PM	Priority	Critical

DEFECT DESCRIPTION

Both tilt cylinders have movement in pins at both ends

DEFECT IMAGES



Defect for A-184337

Status: New

... — Tyre/Rim Condition & Pressure

Raised by Angus Elliott	23/11/2023 12:08 PM	Priority	High
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DEFECT DESCRIPTION

Both front tyres are low on tread

DEFECT IMAGES

