



TA1 Inspection

TA1

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Inspection Number	16055958	Customer No	
Serial Number	TDY12898	Customer Name	
Make	CATERPILLAR	Customer Email	
Model	315	Completed On	2/12/2024
Equipment Family	Small Hydraulic Excavator	Inspector	
Asset ID	113210	PDF Generated On	2/12/2024
SMU	4290.87 Hours	Location	United States
Coordinates	0, 0, 0		
Technician			

General Info & Comments

● General info/Comments NORMAL



Prepare Machine for Inspection

- 1.1 Check with customer for operator complaints NORMAL
- 1.2 Perform machine inspection preparation NORMAL
- 1.3 Download machine fault codes PASS
- 1.4 Is the machine software including Product Link & VIMS Config files current with what is published in SIS? YES
- 1.5 Check Product Link YES
- 1.6 Observe engine exhaust colors NORMAL
- 1.7 Listen for unusual noises NORMAL
- 1.8 Lockout / Tagout Machine YES

Lower Level Inspection

- 2.1 Final drives and sprockets NORMAL



- 2.2 Travel Motor & Brake Valve NORMAL

- 2.3 Track Adjuster NORMAL



● 2.4 Carrier Rollers

NORMAL



● 2.5 Track Rollers

NORMAL

● 2.6 Front Idlers

NORMAL

● 2.7 Track Guides

NORMAL

● 2.8 Track Shoes

NORMAL



● 2.9 Track Links, Pins, & Bushings

NORMAL

● 2.10 Track Roller Frame & Carbody NORMAL

● 2.11 Engine Oil Pan NORMAL

Middle Level Inspection

● 3.1 Cab Exterior NORMAL



● 3.2 Cab Interior NORMAL



● 3.3 Steps & Handrails NORMAL

● 3.4 Work Lights

NORMAL



● 3.5 Air Cleaner and Air Filter Service Indicator

NORMAL



● 3.6 Battery & Cables

NORMAL

● 3.7 Radiator, Air Inlet, Oil Cooler & Aftercooler Lines

NORMAL

● 3.8 Lower Radiator & Oil Cooler Hoses

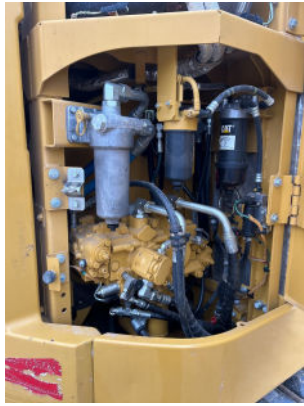
NORMAL

● 3.9 Counterweight

NORMAL

● 3.10 Hydraulic Pump Compartment

NORMAL



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- 3.11 Swing Drive Gear NORMAL

Upper Level Inspection

- 4.1 Hood and Platform NORMAL

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- 4.2 Exhaust Manifold NORMAL



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- 4.3 Turbocharger NORMAL

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- 4.4 Cylinder Head(s) & Valve Cover(s) NORMAL

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- 4.5 Fuel Lines, Fuel Pump and Fuel Filter Base NORMAL

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- 4.6 Engine Mounts NORMAL

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- 4.7 Pulleys, Belts, Compressor Clutch and Alternator NORMAL



● 4.8 Cooling Fan, Fan Guard and Shroud NORMAL

● 4.9 Upper and Lower Radiator Lines, Air Inlet Lines and Aftercooler Lines NORMAL



● 4.10 Radiator/Oil Cooler Screen NORMAL



● 4.11 Water Pump(s) NORMAL

● 4.12 Radiator Cap NORMAL



● 4.13 Fuel Priming Pump	<i>NORMAL</i>
● 4.14 Secondary Fuel Filter	<i>NORMAL</i>
● 4.15 Fuel Injection Pump	<i>NORMAL</i>
● 4.16 Engine wiring harness	<i>NORMAL</i>
● 4.17 Swing Drive Compartment	<i>NORMAL</i>
● 4.18 Swing Drive	<i>NORMAL</i>
● 4.19 Main Hydraulic Control Valve	<i>NORMAL</i>
● 4.20 Hydraulic Tank	<i>NORMAL</i>
● 4.21 Fuel Tank	<i>NORMAL</i>

Implement/Attachment Inspection

● 5.1 Swivel	<i>NORMAL</i>
● 5.2 Lower Boom Area	<i>NORMAL</i>
● 5.3 Area around Boom Cylinders	<i>NORMAL</i>
● 5.4 Boom Cylinder	<i>NORMAL</i>

●	5.5 Area where Boom attaches to Stick	NORMAL
●	5.6 Stick Cylinder	NORMAL
●	5.7 Bucket Cylinder	NORMAL
●	5.8 Bucket linkage	NORMAL
●	5.9 Bucket wear plates	NORMAL
●	5.10 Bucket side cutters	N/A
●	5.11 Bucket edges, tips, and adapters	NORMAL

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 Working Material	NORMAL

● 6.10 Maintenance Practices

NORMAL

Lower Level Inspection

● 7.1 Undercarriage

NORMAL
