

Marine Engine TA1

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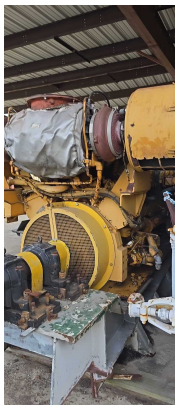
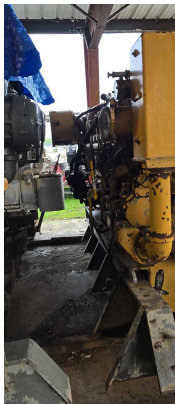
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Inspection Number		Customer No	
Serial Number	4BW00468	Customer Name	EQUIPMENT OWNER UNKNOWN
Make	CATERPILLAR	Customer Phone	
Model	3516B	Customer Email	
Equipment Family	3500 Engine	Completed On	11/11/2024 3:46:08 PM
SMU	7347 Hours	Inspector	David Wesche
Location			11/11/2024
Coordinates			
Technician			

General Info & Comments

● General info/Comments N/A

Comments: Missing oil duplex shaft and broken aftercooler circuit flange





Prepare Marine Engine For Inspection

- 1.1 Prepare Marine Engine for Inspection YES
- 1.2 Download Product Status Report (ET Download) N/A
- 1.3 Is the machine software including Product Link & VIMS Config files current with what is published in SIS? N/A
- 1.4 Observe engine exhaust colors N/A
- 1.5 Listen for unusual noises (engine & driven equipment) N/A

Basic Engine Inspection

- 2.1 Engine Oil N/A
- 2.2 Engine Oil Pan NORMAL
- 2.3 Crankcase Breathers and Piping ACTION

Comments: Damaged



- 2.4 Mounts, Isolators, Supports & Rails NORMAL
- 2.5 Flywheel Housing NORMAL

●	2.6 Frount Housing & Covers	NORMAL
●	2.7 Cylinder Head(s) & Valve Cover(s)	NORMAL
●	2.8 Rocker boxes	MONITOR
Comments: Rust		
		
●	2.9 Injectors	NORMAL
●	2.10 Pulleys, Belts, Compressor Clutch and Alternator	N/A
●	2.11 Indicators & Gauges	NORMAL
●	2.12 Engine wiring harness	NORMAL
Cooling System Inspection		
●	3.1 Engine Coolant	N/A
●	3.2 Radiator Cap	N/A
●	3.3 Pressure Relief Valve	N/A
●	3.4 Radiator Core(s) - Check For Debris	N/A
●	3.5 JW Water Pump	NORMAL

●	3.6 Water hoses	NORMAL
●	3.7 Belt Guards	N/A
●	3.8 Cooling Fan, Fan Guard and Shroud	N/A
●	3.9 Belt Tensioner	N/A
●	3.10 Fan Drive	N/A
●	3.11 All Belts	N/A
●	3.12 Screen guard	NORMAL
●	3.13 Sea water strainer	N/A
Air Inlet & Exhaust System Inspection		
●	4.1 Precleaner and Air Cleaner	NORMAL
●	4.2 Air Restriction Indicator	N/A
●	4.3 Air & Exhaust Lines	NORMAL
●	4.4 Exhaust Manifold & Studs	N/A
●	4.5 Muffler & Exhaust Stack	N/A
●	4.6 Turbocharger	NORMAL
●	4.7 Aftercooler core(s)	NORMAL
●	4.8 Aftercooler housing(s)	NORMAL

Fuel System Inspection

●	5.1 Fuel Lines, Fuel Pump and Fuel Filter Base	NORMAL
●	5.2 Fuel Priming Pump	NORMAL
●	5.3 Fuel Injection Lines & Retainers	NORMAL
●	5.4 Water Separator	N/A
Site Conditions		
●	6.1 Ambient Temperature in Engine Room	NORMAL
	Comments: In warehouse	
	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)	78 Fahrenheit
●	6.2 Altitude	NORMAL
●	6.3 Humidity	NORMAL
●	6.4 Air Quality	NORMAL
●	6.5 Equipment Utilization	N/A
●	6.6 Equipment Role	.
●	6.7 Maintenance Practices	N/A