

Marine Engine TA1

TA1

● 0 ● 2 ● 23 ● 24

Inspection Number		Customer No	
Serial Number	4BW00469	Customer Name	EQUIPMENT OWNER UNKNOWN
Make	CATERPILLAR	Customer Phone	
Model	3516B	Customer Email	
Equipment Family	3500 Engine	Completed On	11/11/2024 2:45:08 PM
SMU	0 Hours	Inspector	David Wesche
Location			
Coordinates			
Technician			

General Info & Comments

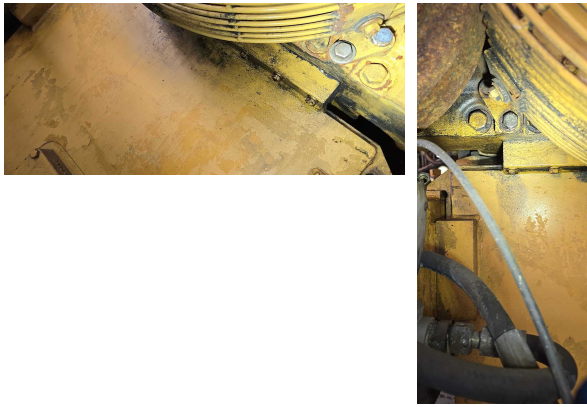
General info/Comments

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 MONITOR



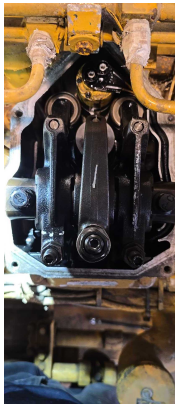
●	2.3 Crankcase Breathers and Piping	NORMAL
---	------------------------------------	--------

●	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	NORMAL
---	------------------	--------

●	2.9 Injectors	NORMAL
---	---------------	--------

●	2.10 Pulleys, Belts, Compressor Clutch and Alternator	N/A
---	---	-----

●	2.11 Indicators & Gauges	NORMAL
---	--------------------------	--------

Cooling System Inspection

● 3.1 Engine Coolant N/A

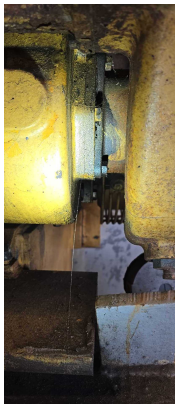
● 3.2 Radiator Cap N/A

● 3.3 Pressure Relief Valve N/A

● 3.4 Radiator Core(s) - Check For Debris N/A

● 3.5 JW Water Pump *MONITOR*

Comments: Slight leak



● 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 N/A

●	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