

# Pantropic Power TA1 Marine Engine Inspection Form

TA1

● 0 ● 0 ● 39 ● 0

Inspection Number	21435104	Customer No	2974218576
Serial Number	RPM01139	Customer Name	MV IONIAN PRINCESS
Make	CATERPILLAR	Completed On	2/26/2025 1:16:02 PM
Model	C32	Inspector	Alex Seda
Equipment Family	ENGINE - MARINE	PDF Generated On	2/26/2025
Asset ID	Port	SMU	139 Hours
Location	1601 SW 20th St, Fort Lauderdale, FL	Coordinates	4.17741110228122, -26.0980227446999, -80.1636510558572

Technician



## General Info & Comments

● **General info/Comments**

*NORMAL*



## Prepare Marine Engine for Inspection

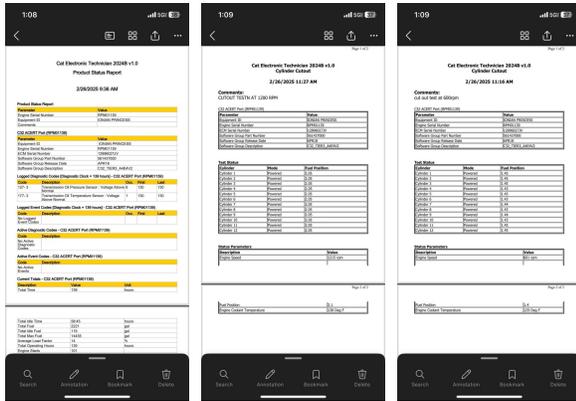
● **1.1 Prepare Marine Engine For Inspection**

*NORMAL*



1.2 Product Status Report (ET Download). Perform cylinder cut-out test.

NORMAL



1.3 Observe engine exhaust colors and sheen on water.

PERFORMED

Comments: No signs of smoke or sheen in water.



1.4 Listen for unusual noises (engine & driven equipment).

PERFORMED

Basic Engine - Inspection

2.1 Engine Oil Level

NORMAL

Comments: Dipstick showing full. Customer recently changed oil.



2.2 Collect Oil Sample for Analysis

PERFORMED



● 2.3 Engine Oil Pan

NORMAL

Comments: No sign of leaks.



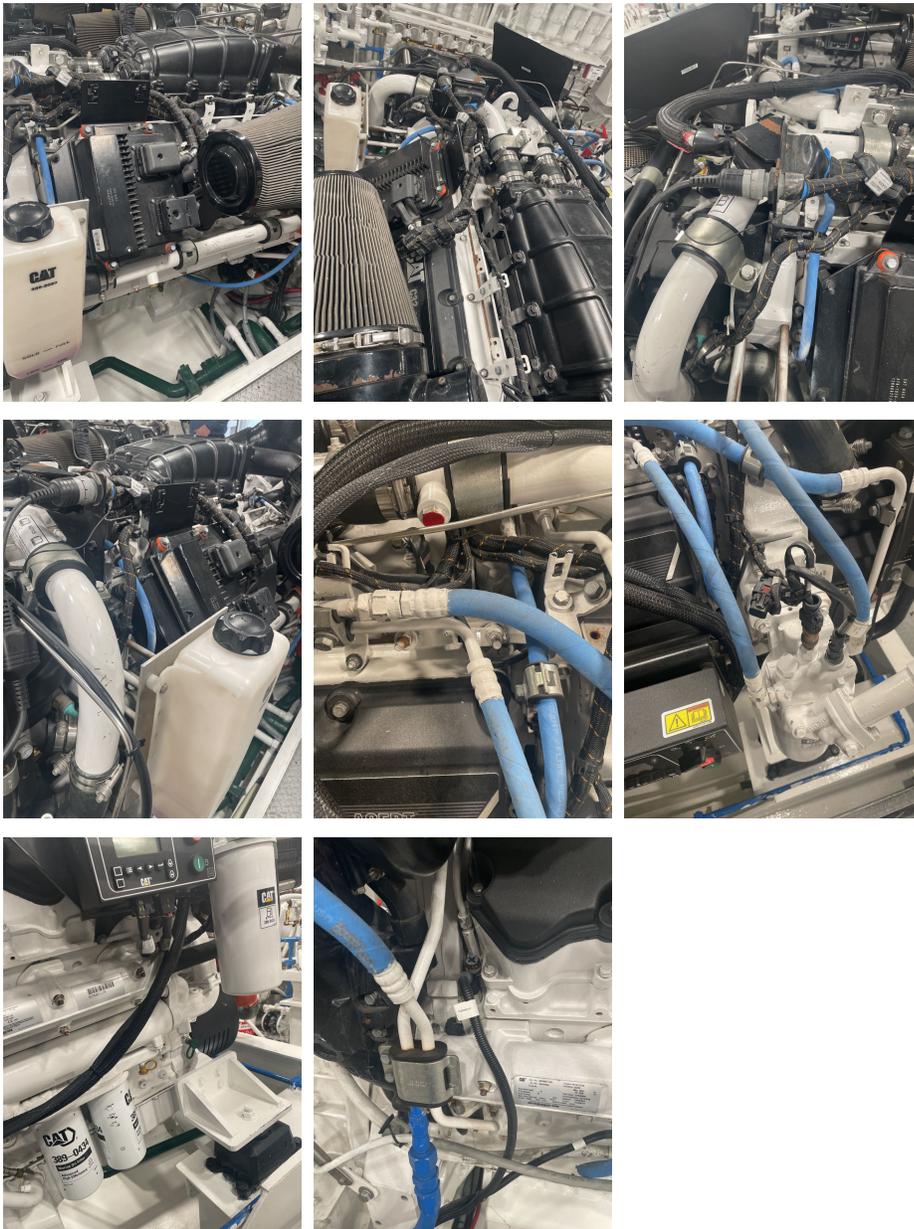
● 2.4 Inspect Indicators & Gauges (Panel)

NORMAL



● 2.5 Inspect Engine Wiring & Harness

NORMAL

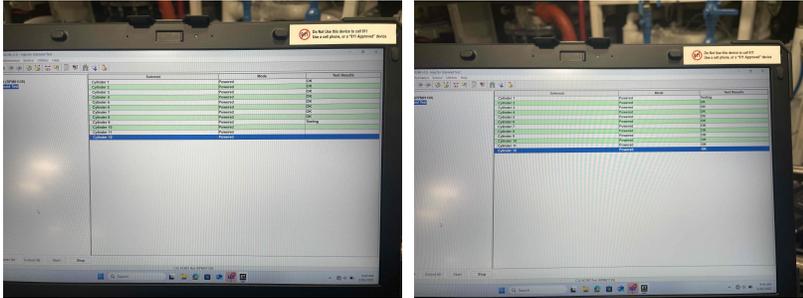


● 2.6 Pulleys, Belts, Compressor, Clutch and Alternator

NORMAL

● 2.7 Injectors

NORMAL



● 2.8 Cylinder Head(s) & Valve Cover(s)

NORMAL





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● 2.9 Rocker Boxes

*NORMAL*

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● 2.10 Crankcase Breathers and Piping

*NORMAL*



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● 2.11 Engine Mounts, Isolators, Supports & Rails

*NORMAL*



**Image Comment(s):**Outboard engine mount. **Image Comment(s):**Outboard transmission mount.



**Image Comment(s):**Inboard transmission mount.



**Image Comment(s):**Inboard transmission mount.

● 2.12 Flywheel Housing

*NORMAL*



Image Comment(s):Inboard side. Image Comment(s):Rear.



Image Comment(s):Outboard side.

● 2.13 Front Housing & Covers

NORMAL

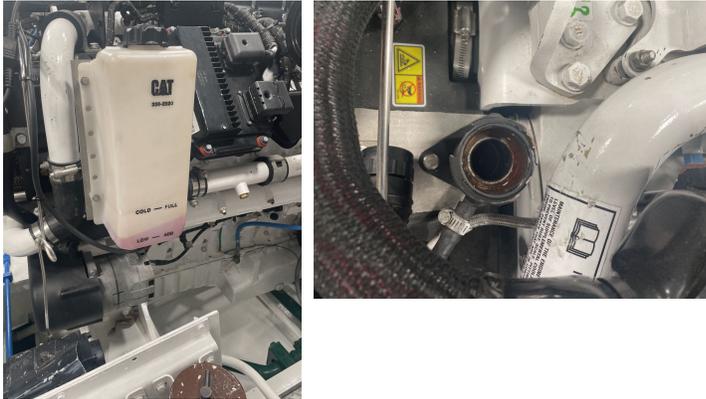


## Cooling System - Inspection

### 3.1 Engine Coolant

NORMAL

Comments: Collected sample.

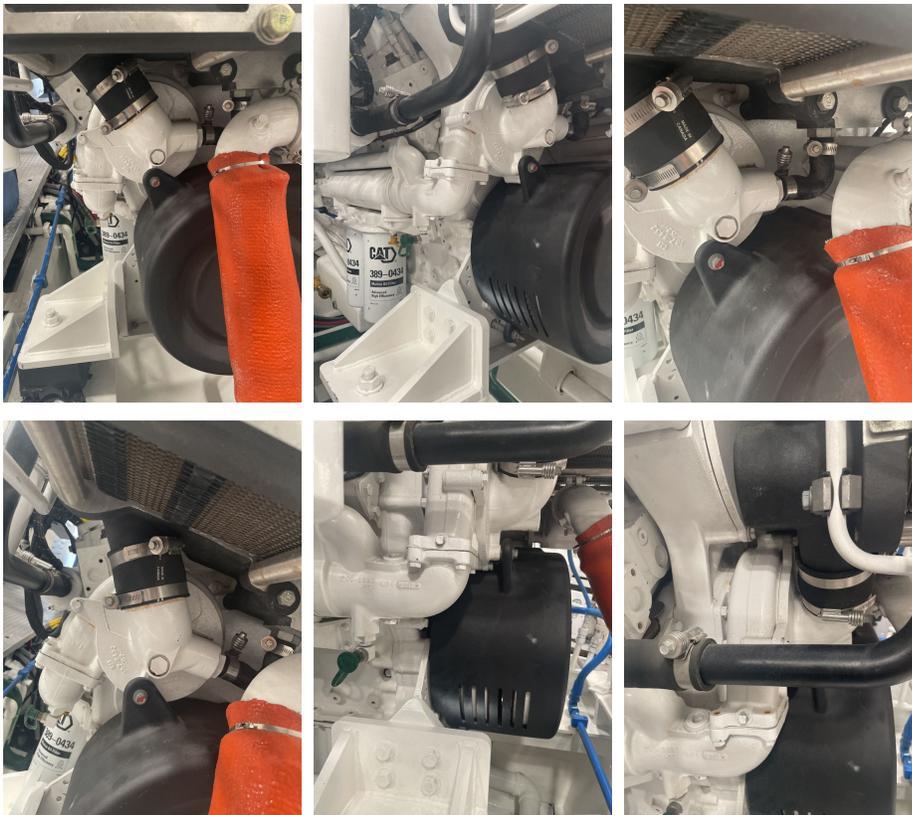


### 3.2 Collect Coolant Sample for Analysis

PERFORMED

### 3.3 Water Pump / Circulation Pump

NORMAL



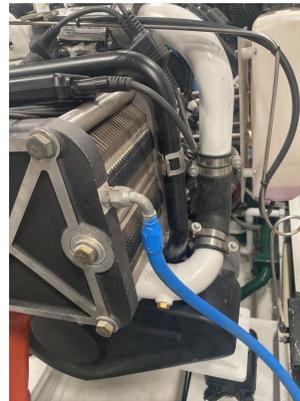
### 3.4 Radiator / Heat Exchanger Cap

NORMAL



● 3.5 Water Hoses / Lines

NORMAL





● 3.6 Belt Guards

NORMAL



Air Inlet and Exhaust System Inspection

● 4.1 Air Cleaner and Precleaner

NORMAL

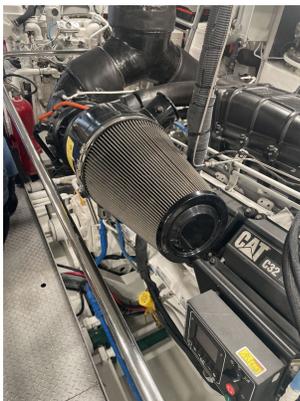


Image Comment(s):Inboard side. Image Comment(s):Outboard side.

● 4.2 Air & Exhaust Lines

NORMAL

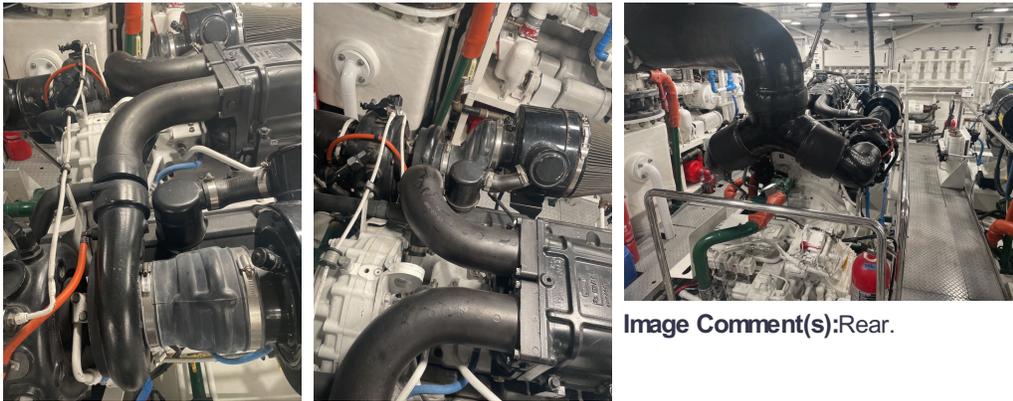
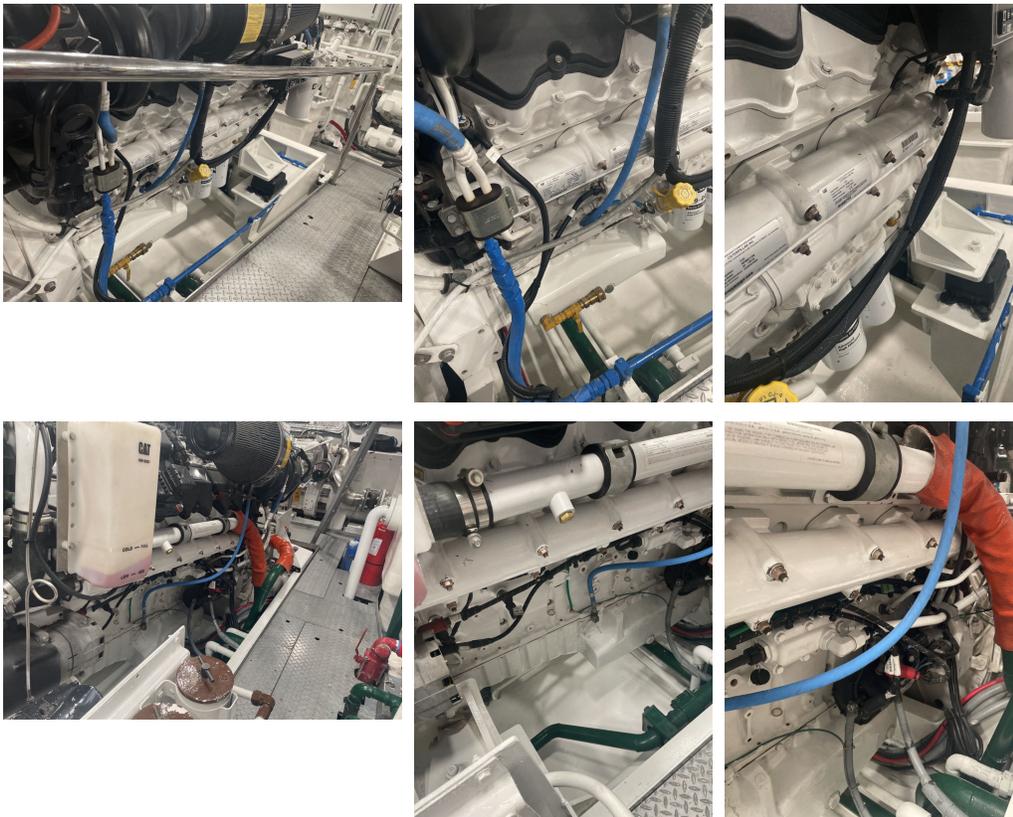


Image Comment(s):Rear.



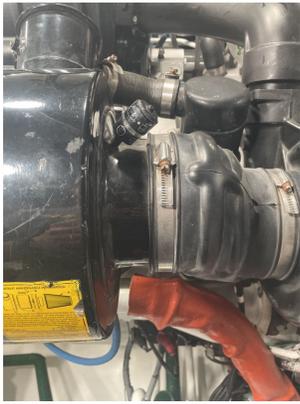
● 4.3 Exhaust Manifolds and Studs

NORMAL



● 4.4 Air Restriction Indicator

NORMAL



● 4.5 Turbocharger(s)

NORMAL





● 4.6 Aftercooler Housing(s) & Core(s)

NORMAL

Comments: No signs of leaks.



5.1 Fuel Lines, Fuel Pump and Fuel Filter Base

NORMAL

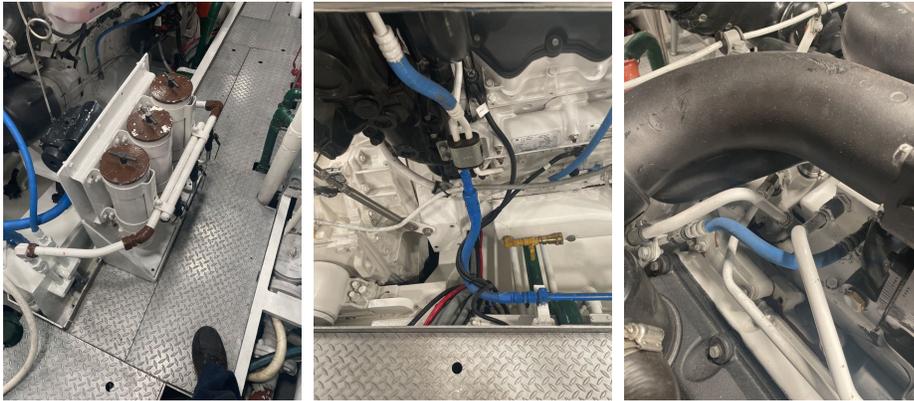
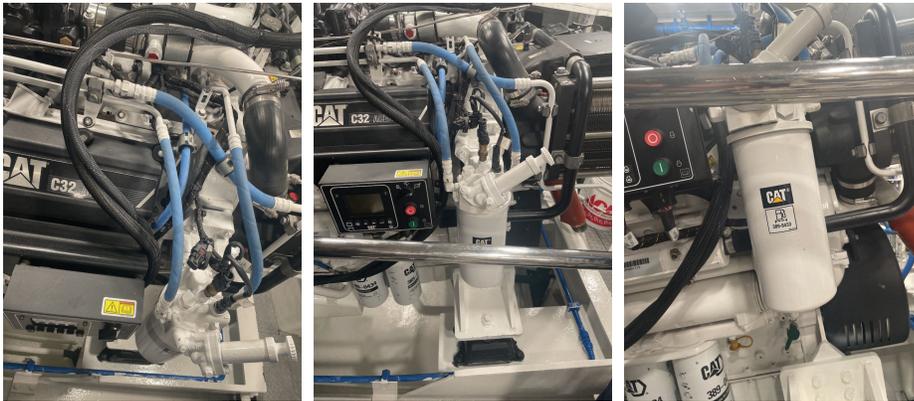
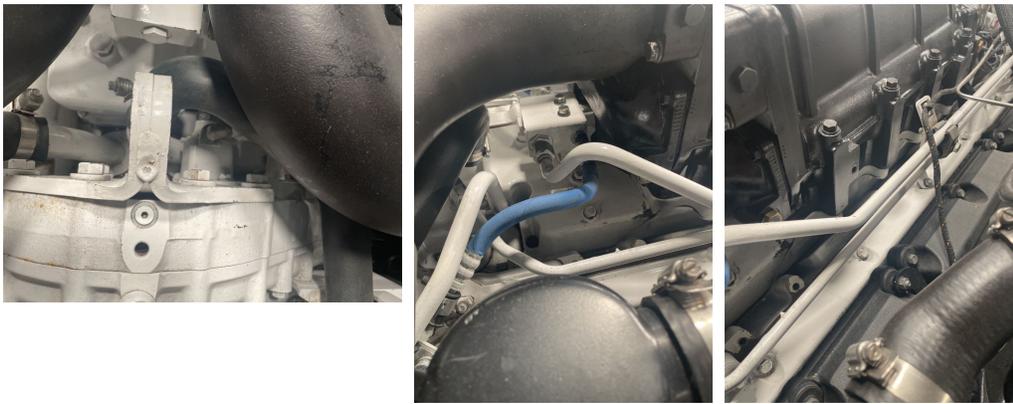


Image Comment(s): Transfer pump.



● 5.2 Fuel Priming Pump

NORMAL



● 5.3 Fuel Injection Lines / Retainers

NORMAL

● 5.4 Water Separator(s)

NORMAL



Site Conditions

● 6.1 Ambient Temperature

NORMAL

● 6.2 Humidity

NORMAL

● 6.3 Air Quality

NORMAL

● 6.4 Equipment Role

NORMAL

Comments: Pleasure Craft.

● 6.5 Maintenance Practices

NORMAL