



# CONSTRUCTION EQUIPMENT

WARREN MERRILL 2122 51220314303 - SAILDRIVE - PORT GEARBOX



**Sample No:** VPA044368  
**Oil Type:** VOLVO PENTA SAE 15W40  
**Job No:** 2122



## SAMPLE INFORMATION

Sample Number	VPA044368	---	---	---
Sample Date	16 Oct 2023	---	---	---
Machine Hours	1184	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

**NORTH FLORIDA MARINE SYSTEMS**  
1433-1 ROMNEY ST  
JACKSONVILLE, FL  
US 32211  
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## OIL CONDITION

Visc @ 40°C	cSt	69.6	---	---	---
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## CONTAMINATION

Silicon	ppm	5	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	0	---	---	---

## Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.



## WEAR METALS

PQ		12	---	---	---
Iron	ppm	6	---	---	---
Copper	ppm	10	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	0	---	---	---
Molybdenum	ppm	61	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



## ADDITIVES

Calcium	ppm	1110	---	---	---
Magnesium	ppm	977	---	---	---
Zinc	ppm	1301	---	---	---
Phosphorus	ppm	1155	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

**Depot:** VP99411958  
**Unique No:** 10701540  
**Signed:** Doug Bogart  
**Report Date:** 20 Oct 2023



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## GRAPHS

