



## MOYSEY VOLVO PENTA 3940013573 - PORT IPS

Sample No: VPA058974

**Oil Type:** GEAR OIL SAE 75W90

SAMPLE INFORM	ATION				
SAMPLE INFURMA	ATIUN				
Sample Number		VPA058974	VPA041227	VPA033439	
Sample Date		13 Dec 2023	22 Dec 2022	08 Jun 2022	
Machine Hours		637	636	0	
Oil Hours		0	0	0	
Oil Changed		Changed	Changed	Changed	
Sample Status		ATTENTION	NORMAL	ATTENTION	
OIL CONDITION					
Visc @ 40°C	cSt	<b>85.3</b>	□114	■ 104	
CONTAMINATION					
Water	%	NEG	NEG	NEG	
Silicon	ppm	11	9	15	
Sodium	ppm	■0	<b>5</b>	■8	
Potassium	ppm	<u></u> 2	<b>0</b>	<u> </u>	
WEAR METALS					
PQ		<b>■20</b>	<b>2</b> 0	□37	
Iron	ppm	<b>■84</b>	□118	<b>292</b>	
Copper	ppm	<b>■</b> 9	□14	■33	
Lead	ppm	<1	0	0	
Tin	ppm	<1	0	0	
Aluminum	ppm	3	2	4	
Chromium	ppm	<b>■&lt;1</b>	<b>□</b> <1	<b>1</b> 2	
Molybdenum	ppm	<1	<1	<b>□</b> <1	
Nickel	ppm	1	<b>□</b> <1	<b>1</b> 2	
Titanium	ppm	_ <1	0	0	
Silver	ppm	0	0	<1	
Manganese	ppm	<b>2</b>	1	<b>3</b>	
Vanadium	ppm	0	0	0	
ADDITIVES					
Calcium	ppm	<b>□</b> 3	<b>7</b>	<b>□</b> 4	
Magnesium	ppm	<b>2</b>	<1	<b>2</b>	
Zinc	ppm	<b>2</b>	<b>1</b> 1	<b>□</b> 19	
Phosphorus	ppm	<b>▲</b> 530	1460	■ 1356	
Barium	ppm	<b>■8</b>	<b>0</b>	□0	
Boron	ppm	▲ 90	<b>324</b>	386	
201011	ррпп	_ 50	<u>□</u> JL¬	300	

## **FULL KEEL MARINE SERVICES**

314 LEGION AVE

ANNAPOLIS, MD US 21401 Contact: Service Manager FULLKEELMARINESERIVES@GMAIL.COM T: (410)507-3542 F:

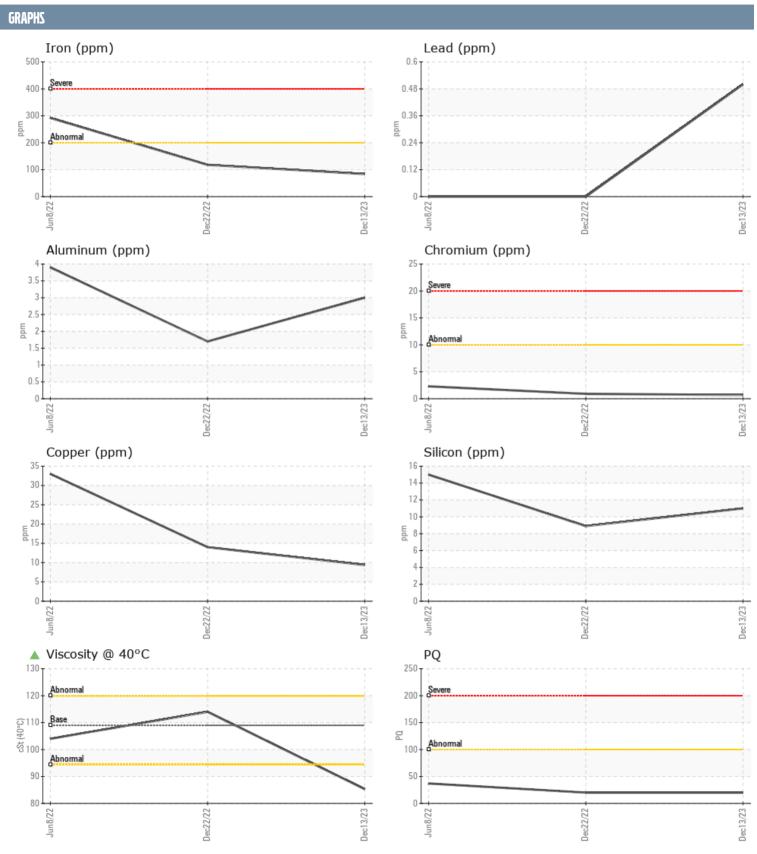
## Diagnosis

The oil change at the time of sampling has been noted. 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 oil viscosity is lower than normal. Additive levels indicate the addition of a different brand, or type of oil. Confirm oil type.

Depot:VP1298996Unique No:10794855Signed:Jonathan HesterReport Date:21 Dec 2023

## **OIL ANALYSIS REPORT**





Report Id: VP1298996 [WUSCAR] 06039626 (Generated: 12/21/2023 20:52:56) Rev: 1