

OIL ANALYSIS REPORT

VOLVO PENTA

JOSEPH FUSCO JF VOLVO PENTA 3940017915 - STARBOARD IPS

Sample No: VPA012852

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA012852	VPA012783	---	---
Sample Date	30 Mar 2024	17 Apr 2023	---	---
Machine Hours	607	625	---	---
Oil Hours	109	120	---	---
Oil Changed	Not Changd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

Lockwood Boat Works Inc

1825 Highway 35, Morgan

SOUTH AMBOY, NJ

US 08879

Contact: Ellen Lockwood

ellen@lockwoodboatworks.com;maryann@lockwoodboatworks.com

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OIL CONDITION

Visc @ 40°C	cSt	105	105	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	11	14	---	---
Sodium	ppm	11	4	---	---
Potassium	ppm	0	<1	---	---

WEAR METALS

PQ		26	17	---	---
Iron	ppm	198	128	---	---
Copper	ppm	10	8	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	2	0	---	---
Chromium	ppm	1	1	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	4	2	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	48	15	---	---
Magnesium	ppm	0	6	---	---
Zinc	ppm	24	19	---	---
Phosphorus	ppm	1392	1297	---	---
Barium	ppm	0	0	---	---
Boron	ppm	286	309	---	---

Diagnosis

No corrective action is recommended at this time. 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.

Depot: VP153187

Unique No: 10956103

Signed: Sean Felton

Report Date: 04 Apr 2024

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GRAPHS

