

OIL ANALYSIS REPORT

VOLVO PENTA

ASTLE NICK/23526 VOLVO PENTA 3200000817 - STARBOARD IPS

Sample No: VPA060730

Oil Type: {unknown}

SAMPLE INFORMATION

Sample Number	VPA060730	VPA029905	---	---
Sample Date	10 Jun 2024	25 Mar 2022	---	---
Machine Hours	0	197	---	---
Oil Hours	0	197	---	---
Oil Changed	Not Changd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

Seven Seas Yacht Services LLC

1804 CRAB ALLEY DR

CHESTER, MD

US 21619

Contact: Stephanie Wright
stephanie@sevenseasys.com

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OIL CONDITION

Visc @ 40°C	cSt	█ 102	█ 90.3	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 2	4	---	---
Sodium	ppm	█ 8	█ 4	---	---
Potassium	ppm	█ 2	█ 2	---	---

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		█ 17	█ 19	---	---
Iron	ppm	█ 80	█ 38	---	---
Copper	ppm	█ 18	█ 21	---	---
Lead	ppm	█ <1	<1	---	---
Tin	ppm	█ 0	<1	---	---
Aluminum	ppm	█ 3	4	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	█ 2	█ 2	---	---
Titanium	ppm	█ <1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	3	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	0	48	---	---
Magnesium	ppm	34	863	---	---
Zinc	ppm	39	9	---	---
Phosphorus	ppm	1474	1562	---	---
Barium	ppm	0	0	---	---
Boron	ppm	302	500	---	---

Depot: VP601781

Unique No: 11100784

Signed: Don Baldrige

Report Date: 29 Jun 2024

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GRAPHS

