

OIL ANALYSIS REPORT

VOLVO PENTA

CHRIS OLSON VOLVO PENTA 3940021671 - STARBOARD IPS

Sample No: VPA055149
Oil Type: VOLVO 80W90

SAMPLE INFORMATION

Sample Number	VPA055149	VPA031364	---	---
Sample Date	19 Feb 2024	11 May 2021	---	---
Machine Hours	485	215	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

OIL CONDITION

Visc @ 40°C	cSt	103	108	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	5	5	---	---
Sodium	ppm	3	2	---	---
Potassium	ppm	1	0	---	---

WEAR METALS

PQ		13	21	---	---
Iron	ppm	34	30	---	---
Copper	ppm	5	4	---	---
Lead	ppm	1	<1	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	1	<1	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	1	<1	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	9	3	---	---
Magnesium	ppm	9	17	---	---
Zinc	ppm	11	<1	---	---
Phosphorus	ppm	1300	1373	---	---
Barium	ppm	0	0	---	---
Boron	ppm	303	303	---	---

COASTAL CAROLINA YACHT SALES
145 LOCKWOOD BLVD
CHARLESTON, SC
US 29403
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T:
F:

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.

Depot: VP568144
Unique No: 10898622
Signed: Jonathan Hester
Report Date: 28 Feb 2024

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GRAPHS

