

OIL ANALYSIS REPORT

VOLVO PENTA

JACK WUENSCH 43295 VOLVO PENTA 3940023625 - STARBOARD IPS

Sample No: VPA056025

Oil Type: VOLVO API GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA056025	VPA047014	---	---
Sample Date	06 Jul 2023	20 Sep 2022	---	---
Machine Hours	697	586	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ATTENTION	---	---

OIL CONDITION

Visc @ 40°C	cSt	106	■ 104	---	---
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CONTAMINATION

Silicon	ppm	21	■ 21	---	---
Sodium	ppm	9	■ 5	---	---
Potassium	ppm	2	■ <1	---	---

WEAR METALS

PQ		■ 26	■ 25	---	---
Iron	ppm	■ 150	▲ 281	---	---
Copper	ppm	■ 24	■ 28	---	---
Lead	ppm	4	<1	---	---
Tin	ppm	1	<1	---	---
Aluminum	ppm	3	6	---	---
Chromium	ppm	■ 2	■ 2	---	---
Molybdenum	ppm	■ 1	■ <1	---	---
Nickel	ppm	■ 2	■ 3	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	■ 3	■ 4	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	■ 15	■ 6	---	---
Magnesium	ppm	■ <1	■ 3	---	---
Zinc	ppm	■ 18	■ 25	---	---
Phosphorus	ppm	■ 1419	■ 1371	---	---
Barium	ppm	■ 0	■ 0	---	---
Boron	ppm	■ 291	■ 216	---	---

COASTAL CAROLINA YACHT SALES

145 LOCKWOOD BLVD

CHARLESTON, SC

US 29403

Contact: STEVE VASAS

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T:

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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: 10560279

Signed: Don Baldrige

Report Date: 17 Jul 2023

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GRAPHS

