

OIL ANALYSIS REPORT



CRAIG CHRISTIANSEN 45112 VOLVO PENTA 3200000252 - PORT IPS

Sample No: VPA054278

Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5

SAMPLE INFORMATION

Sample Number	VPA054278	VPA043061	VPA042844	---
Sample Date	25 Jun 2024	15 Jun 2023	04 Aug 2022	---
Machine Hours	582	477	364	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	N/A	---
Sample Status	ATTENTION	ATTENTION	NORMAL	---

COASTAL CAROLINA YACHT SALES

145 LOCKWOOD BLVD

CHARLESTON, SC

US 29403

Contact: STEVE VASAS

steve@ccyachtsales.com

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OIL CONDITION

Visc @ 40°C	cSt	105	109	99.1	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	1	2	2	---
Sodium	ppm	20	14	10	---
Potassium	ppm	2	3	2	---

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. The lead level is abnormal. All other 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		24	26	14	---
Iron	ppm	202	254	117	---
Copper	ppm	21	29	33	---
Lead	ppm	12	0	0	---
Tin	ppm	0	0	<1	---
Aluminum	ppm	4	4	2	---
Chromium	ppm	<1	2	<1	---
Molybdenum	ppm	0	<1	3	---
Nickel	ppm	2	3	2	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	<1	---
Manganese	ppm	2	3	2	---
Vanadium	ppm	0	0	0	---

ADDITIVES

Calcium	ppm	7	5	39	---
Magnesium	ppm	10	22	130	---
Zinc	ppm	49	43	32	---
Phosphorus	ppm	1444	1354	1252	---
Barium	ppm	0	2	<1	---
Boron	ppm	299	293	66	---

Depot: VP568144

Unique No: 11111350

Signed: Don Baldrige

Report Date: 07 Jul 2024

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VOLVO PENTA

GRAPHS

