

OIL ANALYSIS REPORT



STEPHEN ALDRIDGE 505524 VOLVO PENTA 3194011588 - STARBOARD IPS

Sample No: VPA054486

Oil Type: VOLVO API GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA054486	VPA041060	VPA034099	---
Sample Date	08 Feb 2024	23 Feb 2023	14 Jul 2022	---
Machine Hours	975	950	926	---
Oil Hours	25	0	0	---
Oil Changed	Changed	Changed	Not Changd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

Jefferson Beach Yacht Sales Inc
 24400 Jefferson Ave.
 SAINT CLAIR SHORES, MI
 US 48080
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 T: (773)641-6947
 F:

OIL CONDITION

Visc @ 40°C	cSt	106	106	106.4	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	6	11	12	---
Sodium	ppm	0	0	0	---
Potassium	ppm	<1	1	<1	---

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		16	18	29	---
Iron	ppm	24	78	72	---
Copper	ppm	2	8	8	---
Lead	ppm	0	0	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	1	2	2	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	<1	<1	<1	---
Nickel	ppm	0	<1	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	1	---
Manganese	ppm	0	1	<1	---
Vanadium	ppm	0	0	0	---

ADDITIVES

Calcium	ppm	15	8	7	---
Magnesium	ppm	6	7	4	---
Zinc	ppm	23	19	11	---
Phosphorus	ppm	1355	1316	1415	---
Barium	ppm	8	0	0	---
Boron	ppm	314	294	380	---

Depot: VP297371
Unique No: 10875173
Signed: Jonathan Hester
Report Date: 15 Feb 2024

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**VOLVO
PENTA**

GRAPHS

