

OIL ANALYSIS REPORT



BRIAN TEDESCHI 534404 VOLVO PENTA 3940022222 - PORT IPS

Sample No: VPA060194
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA060194	VPA056837	VPA036151	---
Sample Date	26 Feb 2024	31 Oct 2023	21 Oct 2021	---
Machine Hours	2085	2053	0	---
Oil Hours	0	0	150	---
Oil Changed	N/A	N/A	Not Changd	---
Sample Status	NORMAL	SEVERE	NORMAL	---

Jas Marine Service Inc
 3131 SW 2Nd Ave.
 FORT LAUDERDALE, FL
 US 33315
 Contact: JASON TOLEDO
 jason@jasmarine.com
 T: (954)462-1112
 F:

OIL CONDITION

Visc @ 40°C	cSt	106	101	104	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	11	23	14	---
Sodium	ppm	9	48	5	---
Potassium	ppm	<1	6	<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		15	22	25	---
Iron	ppm	78	424	139	---
Copper	ppm	7	34	8	---
Lead	ppm	0	0	<1	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	1	8	4	---
Chromium	ppm	<1	3	1	---
Molybdenum	ppm	0	<1	<1	---
Nickel	ppm	<1	5	2	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	<1	---
Manganese	ppm	2	9	2	---
Vanadium	ppm	0	0	0	---

ADDITIVES

Calcium	ppm	4	17	4	---
Magnesium	ppm	5	21	2	---
Zinc	ppm	12	75	3	---
Phosphorus	ppm	1405	1309	1376	---
Barium	ppm	0	0	0	---
Boron	ppm	264	263	343	---

Depot: VP426065
Unique No: 10903711
Signed: Don Baldrige
Report Date: 04 Mar 2024

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**VOLVO
PENTA**

GRAPHS

