

OIL ANALYSIS REPORT

**VOLVO
PENTA**

WARD 520-178 JAY VOLVO PENTA 3200002366 - STARBOARD IPS

Sample No: VPA021834

Oil Type: {unknown}

SAMPLE INFORMATION

Sample Number	VPA021834	---	---	---
Sample Date	27 Nov 2023	---	---	---
Machine Hours	227	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

Outstanding Marine

PO Box 274
GALENA, MD
US 21635
Contact: Ronda Bolinger
rlwb@verizon.net
T:
F:

OIL CONDITION

Visc @ 40°C	cSt	█ 107	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	1	---	---	---
Sodium	ppm	█ <1	---	---	---
Potassium	ppm	█ <1	---	---	---

WEAR METALS

PQ		█ 19	---	---	---
Iron	ppm	█ 55	---	---	---
Copper	ppm	3	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	3	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	0	---	---	---
Magnesium	ppm	3	---	---	---
Zinc	ppm	0	---	---	---
Phosphorus	ppm	994	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	183	---	---	---

Diagnosis

No corrective action is recommended at this time. 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: VP153685
Unique No: 10816462
Signed: Doug Bogart
Report Date: 04 Jan 2024

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GRAPHS

