

# OIL ANALYSIS REPORT

# VOLVO PENTA

## VOLVO PENTA 3950007704 - STARBOARD IPS

Sample No: VPA058703

Oil Type: {unknown}

### SAMPLE INFORMATION

Sample Number	VPA058703	VPA039498	---	---
Sample Date	13 Jun 2024	18 Jan 2022	---	---
Machine Hours	0	110	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---

### Outstanding Marine

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

T:  
F:

### OIL CONDITION

Visc @ 40°C	cSt	█ 104	█ 104	---	---
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### CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 4	8	---	---
Sodium	ppm	█ 6	█ 14	---	---
Potassium	ppm	█ 2	█ 8	---	---

### 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		█ 23	█ 21	---	---
Iron	ppm	█ 84	█ 40	---	---
Copper	ppm	█ 4	5	---	---
Lead	ppm	█ 0	<1	---	---
Tin	ppm	█ 0	<1	---	---
Aluminum	ppm	█ 2	2	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	3	<1	---	---
Nickel	ppm	█ <1	█ 0	---	---
Titanium	ppm	█ 0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	3	6	---	---
Vanadium	ppm	<1	0	---	---

### ADDITIVES

Calcium	ppm	49	44	---	---
Magnesium	ppm	107	991	---	---
Zinc	ppm	51	2	---	---
Phosphorus	ppm	1508	1770	---	---
Barium	ppm	0	0	---	---
Boron	ppm	367	484	---	---

Depot: VP153685  
Unique No: 11112480  
Signed: Don Baldrige  
Report Date: 08 Jul 2024

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## GRAPHS

