

# OIL ANALYSIS REPORT

# VOLVO PENTA

## VOLVO PENTA 3950004754 - STARBOARD IPS

Sample No: VPA053089

Oil Type: GEAR OIL SAE 75W90

### SAMPLE INFORMATION

Sample Number	VPA053089	VPA047618	VPA014690	---
Sample Date	16 Apr 2024	17 Apr 2023	26 Apr 2022	---
Machine Hours	0	230	200	---
Oil Hours	0	230	0	---
Oil Changed	Changed	Not Changd	N/A	---
Sample Status	NORMAL	NORMAL	NORMAL	---

FDDA FT PIERCE - POWER CENTER

FORT PIERCE, FL

US

Contact: KYLE GRASER

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### OIL CONDITION

Visc @ 40°C	cSt	■ 109	■ 110	■ 108	---
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### CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	2	<1	1	---
Sodium	ppm	■ 1	■ <1	■ 0	---
Potassium	ppm	■ 2	■ 0	■ 0	---

### 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		■ 17	■ 13	■ 16	---
Iron	ppm	■ 13	■ 6	■ 7	---
Copper	ppm	4	1	3	---
Lead	ppm	<1	0	0	---
Tin	ppm	<1	0	<1	---
Aluminum	ppm	2	<1	<1	---
Chromium	ppm	■ <1	■ 0	■ 0	---
Molybdenum	ppm	■ <1	■ <1	0	---
Nickel	ppm	■ <1	■ 0	■ 0	---
Titanium	ppm	<1	0	<1	---
Silver	ppm	0	0	<1	---
Manganese	ppm	■ 2	■ 1	1	---
Vanadium	ppm	<1	0	0	---

### ADDITIVES

Calcium	ppm	■ 23	■ 56	9	---
Magnesium	ppm	■ 10	■ 0	53	---
Zinc	ppm	■ 13	■ 0	2	---
Phosphorus	ppm	■ 1488	■ 1494	1417	---
Barium	ppm	■ <1	■ 0	0	---
Boron	ppm	■ 348	■ 363	306	---

Depot: VP208659

Unique No: 10993428

Signed: Don Baldrige

Report Date: 25 Apr 2024

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## GRAPHS

