

# OIL ANALYSIS REPORT

# VOLVO PENTA

## BOB DORAN VOLVO PENTA 3200004339 - STARBOARD IPS

Sample No: VPA053631

Oil Type: VOLVO PENTA GL-5 SAE 75W90

### SAMPLE INFORMATION

Sample Number	VPA053631	---	---	---
Sample Date	05 Jul 2024	---	---	---
Machine Hours	150	---	---	---
Oil Hours	50	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

### WESTERN BRANCH DIESEL

6881 BULLDOG DR N

CHARLESTON, SC

US 29406

Contact: CHRIS BRADSHAW

cbradshaw@wbdiesel.com

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### OIL CONDITION

Visc @ 40°C	cSt	■ 93.3	---	---	---
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### CONTAMINATION

Water	%	■ NEG	---	---	---
Silicon	ppm	■ 5	---	---	---
Sodium	ppm	■ 6	---	---	---
Potassium	ppm	■ 10	---	---	---

### 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	---	---	---
Iron	ppm	■ 30	---	---	---
Copper	ppm	■ 17	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminium	ppm	■ 3	---	---	---
Chromium	ppm	■ 0	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	■ 0	---	---	---

### ADDITIVES

Calcium	ppm	■ 29	---	---	---
Magnesium	ppm	■ 901	---	---	---
Zinc	ppm	■ 10	---	---	---
Phosphorus	ppm	■ 1598	---	---	---
Barium	ppm	■ <1	---	---	---
Boron	ppm	■ 522	---	---	---

Depot: VP1165983

Unique No: 11116070

Signed: Don Baldrige

Report Date: 12 Jul 2024

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## GRAPHS

