

# OIL ANALYSIS REPORT

# VOLVO PENTA

## VOLVO PENTA 3194006731 - STARBOARD IPS

Sample No: VPA059415

Oil Type: GEAR OIL SAE 75W90

### SAMPLE INFORMATION

Sample Number	VPA059415	---	---	---
Sample Date	15 Nov 2023	---	---	---
Machine Hours	527	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

### OIL CONDITION

Visc @ 40°C	cSt	█ 103.9	---	---	---
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### CONTAMINATION

Silicon	ppm	█ 15	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 4	---	---	---

### WEAR METALS

PQ		█ 18	---	---	---
Iron	ppm	█ 78	---	---	---
Copper	ppm	█ 21	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 0	---	---	---
Manganese	ppm	█ 6	---	---	---
Vanadium	ppm	█ 0	---	---	---

### ADDITIVES

Calcium	ppm	█ 19	---	---	---
Magnesium	ppm	█ 176	---	---	---
Zinc	ppm	█ 20	---	---	---
Phosphorus	ppm	█ 1455	---	---	---
Barium	ppm	█ <1	---	---	---
Boron	ppm	█ 306	---	---	---

### SUNCOAST DIESEL MARINE

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### 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: VP705283  
Unique No: 10749112  
Signed: Doug Bogart  
Report Date: 16 Nov 2023

# OIL ANALYSIS REPORT



## GRAPHS

