

# OIL ANALYSIS REPORT

# VOLVO PENTA

## VOLVO PENTA 3940019584 - STARBOARD IPS

Sample No: VPA060696

Oil Type: GEAR OIL LS 80W90

### SAMPLE INFORMATION

Sample Number	VPA060696	---	---	---
Sample Date	24 Jun 2024	---	---	---
Machine Hours	672	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

### ALL SYSTEMS MARINE

3910 WEST NAVY BLVD

PENSACOLA, FL

US 32507

Contact: TRISTAN JOHNSON

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F:

### OIL CONDITION

Visc @ 40°C	cSt	█ 111	---	---	---
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### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 8	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 3	---	---	---

### 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 suitable for further service.

### WEAR METALS

PQ		█ 18	---	---	---
Iron	ppm	█ 31	---	---	---
Copper	ppm	█ 9	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	█ 1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 2	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	1	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 42	---	---	---
Phosphorus	ppm	█ 1500	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 301	---	---	---

Depot: VP99220003

Unique No: 11102309

Signed: Angela Borella

Report Date: 01 Jul 2024

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## GRAPHS

