

# OIL ANALYSIS REPORT

# VOLVO PENTA

## VOLVO PENTA 3940014974 - STARBOARD IPS

Sample No: VPA044948

Oil Type: GEAR OIL SAE 75W90

### SAMPLE INFORMATION

Sample Number	VPA044948	---	---	---
Sample Date	26 Oct 2023	---	---	---
Machine Hours	495	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

### SUNCOAST DIESEL MARINE

6341 PORTER ROAD, SUITE 6  
SARASOTA, FL  
US 34240  
Contact: SERVICE MANAGER  
info@suncoastdmi.com  
T: (941)342-0033  
F:

### OIL CONDITION

Visc @ 40°C	cSt	█ 105.7	---	---	---
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### CONTAMINATION

Silicon	ppm	█ 17	---	---	---
Sodium	ppm	█ 6	---	---	---
Potassium	ppm	█ 1	---	---	---

### 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		█ 20	---	---	---
Iron	ppm	█ 72	---	---	---
Copper	ppm	█ 8	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	█ 15	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ <1	---	---	---
Vanadium	ppm	0	---	---	---

### ADDITIVES

Calcium	ppm	█ 5	---	---	---
Magnesium	ppm	█ 2	---	---	---
Zinc	ppm	█ 15	---	---	---
Phosphorus	ppm	█ 1447	---	---	---
Barium	ppm	█ 25	---	---	---
Boron	ppm	█ 352	---	---	---

Depot: VP705283  
Unique No: 10715973  
Signed: Jonathan Hester  
Report Date: 30 Oct 2023

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## GRAPHS

