

# OIL ANALYSIS REPORT

# VOLVO PENTA

## VOLVO PENTA 3194006854 - PORT IPS

Sample No: VPA045181

Oil Type: GEAR OIL SAE 75W90

### SAMPLE INFORMATION

Sample Number	VPA045181	---	---	---
Sample Date	27 Jul 2023	---	---	---
Machine Hours	962	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

### 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	---	---	---
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### CONTAMINATION

Water	%	▲ 0.250	---	---	---
Silicon	ppm	■ 14	---	---	---
Sodium	ppm	■ 17	---	---	---
Potassium	ppm	■ 2	---	---	---

### WEAR METALS

PQ		■ 13	---	---	---
Iron	ppm	■ 155	---	---	---
Copper	ppm	■ 15	---	---	---
Lead	ppm	■ 0	---	---	---
Tin	ppm	■ 0	---	---	---
Aluminum	ppm	■ 6	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	■ 0	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	■ <1	---	---	---
Silver	ppm	■ 0	---	---	---
Manganese	ppm	■ 2	---	---	---
Vanadium	ppm	■ <1	---	---	---

### ADDITIVES

Calcium	ppm	■ 160	---	---	---
Magnesium	ppm	■ 6	---	---	---
Zinc	ppm	■ 67	---	---	---
Phosphorus	ppm	■ 1374	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 263	---	---	---

### 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 a light concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP705283

Unique No: 10577285

Signed: Jonathan Hester

Report Date: 01 Aug 2023

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**VOLVO  
PENTA**

## GRAPHS

