

# OIL ANALYSIS REPORT

# VOLVO PENTA

## VOLVO PENTA 3940022410 - PORT IPS

Sample No: VPA053339

Oil Type: GEAR OIL SAE 75W90

### SAMPLE INFORMATION

Sample Number	VPA053339	VPA010590	---	---
Sample Date	25 Apr 2024	11 May 2021	---	---
Machine Hours	1758	1457	---	---
Oil Hours	80	100	---	---
Oil Changed	Not Changd	Changed	---	---
Sample Status	ATTENTION	NORMAL	---	---

FDDA FT PIERCE - POWER CENTER

FORT PIERCE, FL  
US

Contact: KYLE GRASER  
k.graser@kirbycorp.com

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### OIL CONDITION

Visc @ 40°C	cSt	█ 110	█ 106	---	---
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### CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	20	14	---	---
Sodium	ppm	█ 85	█ 6	---	---
Potassium	ppm	█ 5	█ <1	---	---

### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. 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		█ 32	█ 29	---	---
Iron	ppm	● 389	█ 121	---	---
Copper	ppm	█ 39	█ 13	---	---
Lead	ppm	2	<1	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	█ 22	1	---	---
Chromium	ppm	█ 3	█ 1	---	---
Molybdenum	ppm	█ <1	█ <1	---	---
Nickel	ppm	█ 6	█ 2	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	█ 7	█ 2	---	---
Vanadium	ppm	0	0	---	---

### ADDITIVES

Calcium	ppm	█ 14	█ 4	---	---
Magnesium	ppm	█ 14	█ 11	---	---
Zinc	ppm	█ 33	█ 0	---	---
Phosphorus	ppm	█ 1409	█ 1390	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 346	█ 334	---	---

Depot: VP208659

Unique No: 11017742

Signed: Don Baldrige

Report Date: 09 May 2024

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## GRAPHS

