

# OIL ANALYSIS REPORT



## ESPIEITU TAP5333792 VOLVO PENTA 3950003038 - PORT IPS

**Sample No:** VPA048538  
**Oil Type:** VOLVO PENTA GL-5 SAE 75W90

### SAMPLE INFORMATION

Sample Number	<b>VPA048538</b>	VPA039918	VPA023019	---
Sample Date	<b>11 Jan 2024</b>	07 Oct 2021	19 Sep 2018	---
Machine Hours	<b>1196</b>	483	208	---
Oil Hours	<b>1196</b>	0	208	---
Oil Changed	<b>Changed</b>	Changed	Changed	---
Sample Status	<b>NORMAL</b>	NORMAL	ABNORMAL	---

### FDDA TAMPA

TAMPA, FL  
 US  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>105</b>	101	90.61	---
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### CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	---
Silicon	ppm	<b>1</b>	2	19	---
Sodium	ppm	<b>0</b>	0	5	---
Potassium	ppm	<b>&lt;1</b>	<1	5	---

### 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		<b>20</b>	17	23	---
Iron	ppm	<b>56</b>	31	31	---
Copper	ppm	<b>5</b>	6	9	---
Lead	ppm	<b>0</b>	<1	<1	---
Tin	ppm	<b>0</b>	<1	0	---
Aluminum	ppm	<b>2</b>	2	1	---
Chromium	ppm	<b>&lt;1</b>	<1	<1	---
Molybdenum	ppm	<b>0</b>	<1	<1	---
Nickel	ppm	<b>0</b>	<1	<1	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>0</b>	<1	0	---
Manganese	ppm	<b>1</b>	3	5	---
Vanadium	ppm	<b>0</b>	0	0	---

### ADDITIVES

Calcium	ppm	<b>10</b>	14	42	---
Magnesium	ppm	<b>9</b>	49	886	---
Zinc	ppm	<b>2</b>	0	11	---
Phosphorus	ppm	<b>1400</b>	1368	1671	---
Barium	ppm	<b>0</b>	0	<1	---
Boron	ppm	<b>305</b>	330	479	---

**Depot:** VP208641  
**Unique No:** 10842635  
**Signed:** Don Baldrige  
**Report Date:** 23 Jan 2024

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**VOLVO  
PENTA**

## GRAPHS

