

# OIL ANALYSIS REPORT

# VOLVO PENTA

## TIFFINE TOLLEN SAM VOLVO PENTA 3950006012 - STARBOARD IPS

Sample No: VPA060411

Oil Type: VOLVO PENTA GL-5 SAE 75W90

### SAMPLE INFORMATION

Sample Number	VPA060411	VPA047648	---	---
Sample Date	22 Feb 2024	13 Feb 2023	---	---
Machine Hours	688	587	---	---
Oil Hours	101	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---

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### OIL CONDITION

Visc @ 40°C	cSt	█ 107	█ 106	---	---
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### CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	2	2	---	---
Sodium	ppm	█ 2	█ 2	---	---
Potassium	ppm	█ 1	█ 0	---	---

### 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		█ 10	█ 11	---	---
Iron	ppm	█ 26	█ 18	---	---
Copper	ppm	2	4	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	█ <1	█ 0	---	---
Molybdenum	ppm	█ <1	█ 0	---	---
Nickel	ppm	█ <1	█ 0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ <1	█ <1	---	---
Vanadium	ppm	0	0	---	---

### ADDITIVES

Calcium	ppm	█ 14	█ 4	---	---
Magnesium	ppm	█ 13	44	---	---
Zinc	ppm	█ 9	█ 3	---	---
Phosphorus	ppm	█ 1776	█ 1212	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 436	█ 336	---	---

Depot: VP794951  
Unique No: 10901552  
Signed: Sean Felton  
Report Date: 01 Mar 2024

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PENTA**

## GRAPHS

