

# OIL ANALYSIS REPORT

# VOLVO PENTA

**TIM CUCHNA 64348 VOLVO PENTA 51220301253 - INBOARD GEARBOX**

**Sample No:** VPA044564

**Oil Type:** CHEVRON ATF

## SAMPLE INFORMATION

Sample Number	<b>VPA044564</b>	VPA038723	VPA028690	---
Sample Date	<b>16 Mar 2023</b>	04 Apr 2022	06 May 2021	---
Machine Hours	<b>73</b>	53	33	---
Oil Hours	<b>53</b>	25	15	---
Oil Changed	<b>Changed</b>	Not Changd	Changed	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

## OIL CONDITION

Visc @ 40°C	cSt	<b>26.4</b>	27.4	28.5	---
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## CONTAMINATION

Silicon	ppm	<b>7</b>	4	2	---
Sodium	ppm	<b>3</b>	2	0	---
Potassium	ppm	<b>0</b>	0	<1	---

## WEAR METALS

PQ		<b>19</b>	26	20	---
Iron	ppm	<b>14</b>	12	12	---
Copper	ppm	<b>10</b>	6	7	---
Lead	ppm	<b>0</b>	<1	2	---
Tin	ppm	<b>&lt;1</b>	<1	<1	---
Aluminum	ppm	<b>&lt;1</b>	<1	0	---
Chromium	ppm	<b>0</b>	0	0	---
Molybdenum	ppm	<b>&lt;1</b>	0	<1	---
Nickel	ppm	<b>0</b>	0	0	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>0</b>	0	0	---
Manganese	ppm	<b>&lt;1</b>	<1	<1	---
Vanadium	ppm	<b>0</b>	0	0	---

## ADDITIVES

Calcium	ppm	<b>168</b>	158	0	---
Magnesium	ppm	<b>2</b>	2	0	---
Zinc	ppm	<b>17</b>	8	0	---
Phosphorus	ppm	<b>261</b>	235	140	---
Barium	ppm	<b>&lt;1</b>	0	0	---
Boron	ppm	<b>77</b>	90	75	---

### Maritime Fabrications Inc

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### 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.

**Depot:** VP153319  
**Unique No:** 10390932  
**Signed:** Doug Bogart  
**Report Date:** 28 Mar 2023

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## GRAPHS

