

# OIL ANALYSIS REPORT



**JIM HART 7718545 VOLVO PENTA 51220378029 - INBOARD - CENTER GEARBOX**

**Sample No:** VPA060740

**Oil Type:** CHEVRON AUTOMATIC TRANS FLUID MD-3

## SAMPLE INFORMATION

Sample Number	<b>VPA060740</b>	VPA046255	VPA025739	---
Sample Date	<b>01 Mar 2024</b>	02 May 2023	01 Dec 2021	---
Machine Hours	<b>0</b>	246	112	---
Oil Hours	<b>0</b>	0	87	---
Oil Changed	<b>Changed</b>	N/A	Changed	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

**Pacific Power Group - VP981534**

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## OIL CONDITION

Visc @ 40°C	cSt	<b>19.6</b>	26.2	27.1	---
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## CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	---
Silicon	ppm	<b>2</b>	3	4	---
Sodium	ppm	<b>0</b>	2	<1	---
Potassium	ppm	<b>2</b>	0	0	---

## Diagnosis

Oil and filter change at the time of sampling has been noted. 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>	22	35	---
Iron	ppm	<b>17</b>	21	27	---
Copper	ppm	<b>21</b>	15	18	---
Lead	ppm	<b>&lt;1</b>	0	<1	---
Tin	ppm	<b>1</b>	<1	1	---
Aluminum	ppm	<b>2</b>	<1	2	---
Chromium	ppm	<b>&lt;1</b>	0	<1	---
Molybdenum	ppm	<b>&lt;1</b>	0	2	---
Nickel	ppm	<b>0</b>	0	<1	---
Titanium	ppm	<b>0</b>	0	0	---
Silver	ppm	<b>0</b>	0	<1	---
Manganese	ppm	<b>0</b>	<1	<1	---
Vanadium	ppm	<b>0</b>	0	0	---

## ADDITIVES

Calcium	ppm	<b>17</b>	12	42	---
Magnesium	ppm	<b>33</b>	37	37	---
Zinc	ppm	<b>13</b>	5	51	---
Phosphorus	ppm	<b>175</b>	196	182	---
Barium	ppm	<b>0</b>	0	0	---
Boron	ppm	<b>68</b>	79	59	---

**Depot:** VP99031103

**Unique No:** 10925454

**Signed:** Don Baldrige

**Report Date:** 14 Mar 2024

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## GRAPHS

