

# OIL ANALYSIS REPORT



**MORGAN JONES 7719920 VOLVO PENTA 51220351736 - INBOARD - CENTER GEARBOX**

**Sample No:** VPA053385

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

## SAMPLE INFORMATION

Sample Number	<b>VPA053385</b>	VPA046324	VPA041883	VPA028491
Sample Date	<b>09 May 2024</b>	07 Apr 2023	17 May 2022	25 May 2021
Machine Hours	<b>362</b>	266	200	135
Oil Hours	<b>136</b>	0	65	100
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

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## OIL CONDITION

Visc @ 40°C	cSt	<b>25.9</b>	25.9	26.6	26.2
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## CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	NEG
Silicon	ppm	<b>1</b>	2	2	2
Sodium	ppm	<b>&lt;1</b>	0	<1	0
Potassium	ppm	<b>0</b>	0	0	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 fluid. The condition of the fluid is acceptable for the time in service.

## WEAR METALS

PQ		<b>19</b>	17	18	25
Iron	ppm	<b>11</b>	8	14	18
Copper	ppm	<b>5</b>	3	3	8
Lead	ppm	<b>0</b>	0	<1	<1
Tin	ppm	<b>0</b>	0	0	<1
Aluminum	ppm	<b>0</b>	<1	<1	0
Chromium	ppm	<b>0</b>	0	0	<1
Molybdenum	ppm	<b>0</b>	<1	<1	1
Nickel	ppm	<b>0</b>	0	0	0
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	<1	<1
Manganese	ppm	<b>&lt;1</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0

## ADDITIVES

Calcium	ppm	<b>9</b>	6	8	53
Magnesium	ppm	<b>0</b>	7	1	24
Zinc	ppm	<b>&lt;1</b>	0	4	44
Phosphorus	ppm	<b>146</b>	166	157	174
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>71</b>	68	59	73

**Depot:** VP99031103  
**Unique No:** 11031746  
**Signed:** Don Baldrige  
**Report Date:** 17 May 2024

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## GRAPHS

