

# OIL ANALYSIS REPORT

# VOLVO PENTA

**CHRIS MAYEDA 7719825 VOLVO PENTA 3020307331 - STERNDRIVE - PORT GEARBOX**

**Sample No:** VPA054293

**Oil Type:** REDLINE FULL SYNTHETIC 75W140

## SAMPLE INFORMATION

Sample Number	<b>VPA054293</b>	VPA055479	VPA041555	VPA028492
Sample Date	<b>03 Jun 2024</b>	06 Jun 2023	13 Jul 2022	06 May 2021
Machine Hours	<b>1287</b>	1080	0	1003
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Changed</b>	N/A	N/A	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**Pacific Power Group - VP981534**

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## OIL CONDITION

Visc @ 40°C	cSt	<b>145</b>	105	142	152
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## CONTAMINATION

Water	%	<b>NEG</b>	NEG	NEG	NEG
Silicon	ppm	<b>6</b>	3	11	<1
Sodium	ppm	<b>6</b>	4	2	2
Potassium	ppm	<b>&lt;1</b>	0	1	<1

## Diagnosis

No corrective action is recommended at this time. 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>23</b>	18	25	21
Iron	ppm	<b>32</b>	19	32	6
Copper	ppm	<b>0</b>	<1	<1	<1
Lead	ppm	<b>0</b>	0	<1	<1
Tin	ppm	<b>0</b>	0	<1	<1
Aluminum	ppm	<b>0</b>	1	4	1
Chromium	ppm	<b>&lt;1</b>	<1	<1	<1
Molybdenum	ppm	<b>0</b>	<1	<1	<1
Nickel	ppm	<b>0</b>	<1	0	<1
Titanium	ppm	<b>0</b>	0	0	<1
Silver	ppm	<b>0</b>	0	<1	<1
Manganese	ppm	<b>&lt;1</b>	1	3	<1
Vanadium	ppm	<b>0</b>	0	0	0

## ADDITIVES

Calcium	ppm	<b>10</b>	<1	10	11
Magnesium	ppm	<b>2</b>	2	42	779
Zinc	ppm	<b>7</b>	0	6	0
Phosphorus	ppm	<b>2604</b>	3016	3239	1503
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>378</b>	389	160	457

**Depot:** VP99031103

**Unique No:** 11076830

**Signed:** Sean Felton

**Report Date:** 17 Jun 2024

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**VOLVO  
PENTA**

## GRAPHS

