

# OIL ANALYSIS REPORT

# VOLVO PENTA

**LEIF ORMSETH 7716513 VOLVO PENTA 3100008040 - STERNDRIVE - CENTER GEARBOX**

**Sample No:** VPA049714

**Oil Type:** GEAR OIL SAE 75W90

## SAMPLE INFORMATION

Sample Number	<b>VPA049714</b>	VPA055483	---	---
Sample Date	<b>22 Aug 2023</b>	18 Jul 2023	---	---
Machine Hours	<b>197</b>	157	---	---
Oil Hours	<b>40</b>	0	---	---
Oil Changed	<b>Changed</b>	Changed	---	---
Sample Status	<b>NORMAL</b>	ATTENTION	---	---

**Pacific Power Group - VP981534**

7215 S 228th St

Kent, WA

US 98032

Contact: PAT RYAN

pryan@pacificpowergroup.com

T: (253)520-5163

F:

## OIL CONDITION

Visc @ 40°C	cSt	<b>101</b>	84.1	---	---
-------------	-----	------------	------	-----	-----

## CONTAMINATION

Silicon	ppm	<b>5</b>	4	---	---
Sodium	ppm	<b>11</b>	8	---	---
Potassium	ppm	<b>6</b>	14	---	---

## 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		<b>22</b>	24	---	---
Iron	ppm	<b>89</b>	164	---	---
Copper	ppm	<b>&lt;1</b>	2	---	---
Lead	ppm	<b>&lt;1</b>	0	---	---
Tin	ppm	<b>0</b>	0	---	---
Aluminum	ppm	<b>0</b>	2	---	---
Chromium	ppm	<b>&lt;1</b>	<1	---	---
Molybdenum	ppm	<b>0</b>	0	---	---
Nickel	ppm	<b>&lt;1</b>	<1	---	---
Titanium	ppm	<b>&lt;1</b>	<1	---	---
Silver	ppm	<b>0</b>	0	---	---
Manganese	ppm	<b>4</b>	6	---	---
Vanadium	ppm	<b>&lt;1</b>	<1	---	---

## ADDITIVES

Calcium	ppm	<b>0</b>	10	---	---
Magnesium	ppm	<b>80</b>	804	---	---
Zinc	ppm	<b>0</b>	10	---	---
Phosphorus	ppm	<b>1457</b>	1500	---	---
Barium	ppm	<b>0</b>	0	---	---
Boron	ppm	<b>465</b>	450	---	---

**Depot:** VP99031103

**Unique No:** 10622108

**Signed:** Sean Felton

**Report Date:** 29 Aug 2023

# OIL ANALYSIS REPORT

**VOLVO  
PENTA**

## GRAPHS

