

# OIL ANALYSIS REPORT



## GALTEX PILOTS SERVICE VOLVO PENTA 3950009418 - PORT IPS

**Sample No:** VPA059398  
**Oil Type:** GEAR OIL SAE 75W90

### SAMPLE INFORMATION

Sample Number	<b>VPA059398</b>	VPA060146	VPA060147	VPA060546
Sample Date	<b>10 Apr 2024</b>	02 Jan 2024	18 Dec 2023	26 Oct 2023
Machine Hours	<b>3820</b>	3337	3175	2891
Oil Hours	<b>483</b>	0	0	0
Oil Changed	<b>Not Changd</b>	N/A	N/A	N/A
Sample Status	<b>NORMAL</b>	NORMAL	MARGINAL	NORMAL

**Elite Diesel Services LLC**  
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 KEMAH, TX  
 US 77565  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>100</b>	91.2	104	101
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### CONTAMINATION

Water	%	<b>NEG</b>	NEG	<b>▲ 0.197</b>	NEG
Silicon	ppm	<b>3</b>	6	4	4
Sodium	ppm	<b>1</b>	5	0	1
Potassium	ppm	<b>1</b>	<1	4	3

### 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>12</b>	17	15	16
Iron	ppm	<b>26</b>	54	4	9
Copper	ppm	<b>5</b>	5	0	<1
Lead	ppm	<b>1</b>	0	0	0
Tin	ppm	<b>&lt;1</b>	<1	0	<1
Aluminum	ppm	<b>2</b>	2	<1	<1
Chromium	ppm	<b>&lt;1</b>	<1	0	0
Molybdenum	ppm	<b>&lt;1</b>	0	14	12
Nickel	ppm	<b>&lt;1</b>	<1	0	0
Titanium	ppm	<b>&lt;1</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>1</b>	1	0	0
Vanadium	ppm	<b>&lt;1</b>	0	0	0

### ADDITIVES

Calcium	ppm	<b>10</b>	6	2034	1786
Magnesium	ppm	<b>3</b>	4	114	93
Zinc	ppm	<b>4</b>	0	1189	1054
Phosphorus	ppm	<b>1409</b>	1500	945	900
Barium	ppm	<b>1</b>	0	0	0
Boron	ppm	<b>386</b>	319	144	106

**Depot:** VP680026  
**Unique No:** 10983537  
**Signed:** Angela Borella  
**Report Date:** 22 Apr 2024

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**VOLVO  
PENTA**

## GRAPHS

