

# OIL ANALYSIS REPORT



## GALTEX PILOTS SERVICE VOLVO PENTA 3950009422 - CENTER IPS

**Sample No:** VPA060148  
**Oil Type:** VOLVO PENTA GL-5 SAE 75W90

### SAMPLE INFORMATION

Sample Number	<b>VPA060148</b>	VPA060150	VPA060553	VPA060554
Sample Date	<b>02 Jan 2024</b>	18 Dec 2023	26 Oct 2023	21 Aug 2023
Machine Hours	<b>3293</b>	3175	2891	2500
Oil Hours	<b>0</b>	0	0	365
Oil Changed	<b>N/A</b>	N/A	N/A	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**Elite Diesel Services LLC**  
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 KEMAH, TX  
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 T:  
 F:

### OIL CONDITION

Visc @ 40°C	cSt	<b>98.9</b>	107	102	102
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### CONTAMINATION

Water	%	<b>NEG</b>	0.140	NEG	NEG
Silicon	ppm	<b>1</b>	3	3	1
Sodium	ppm	<b>1</b>	0	1	0
Potassium	ppm	<b>&lt;1</b>	5	3	2

### 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>18</b>	15	16	13
Iron	ppm	<b>14</b>	5	7	20
Copper	ppm	<b>3</b>	0	<1	7
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	<1	0	0
Aluminum	ppm	<b>1</b>	<1	<1	<1
Chromium	ppm	<b>0</b>	0	0	0
Molybdenum	ppm	<b>0</b>	4	14	<1
Nickel	ppm	<b>0</b>	0	0	<1
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	0	0	<1
Vanadium	ppm	<b>0</b>	0	0	0

### ADDITIVES

Calcium	ppm	<b>5</b>	2151	1792	5
Magnesium	ppm	<b>0</b>	52	112	7
Zinc	ppm	<b>0</b>	1202	1080	3
Phosphorus	ppm	<b>1487</b>	963	907	1328
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>319</b>	107	97	351

**Depot:** VP680026  
**Unique No:** 10831844  
**Signed:** Don Baldrige  
**Report Date:** 16 Jan 2024

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**VOLVO  
PENTA**

## GRAPHS

