

OIL ANALYSIS REPORT



GALTEX PILOTS SERVICE VOLVO PENTA 3950009418 - PORT IPS

Sample No: VPA060147
Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA060147	VPA060546	VPA060552	---
Sample Date	18 Dec 2023	26 Oct 2023	21 Aug 2023	---
Machine Hours	3175	2891	2500	---
Oil Hours	0	0	365	---
Oil Changed	N/A	N/A	N/A	---
Sample Status	MARGINAL	NORMAL	SEVERE	---

Elite Diesel Services LLC
 2103 Anders Lane
 KEMAH, TX
 US 77565
 Contact: AUSTIN SULLIVAN
 asullivan@elitedieselservice.com
 T:
 F:

OIL CONDITION

Visc @ 40°C	cSt	■ 104	■ 101	■ 103	---
-------------	-----	---	--	--	-----

CONTAMINATION

Water	%	▲ 0.197	NEG	NEG	---
Silicon	ppm	■ 4	4	2	---
Sodium	ppm	■ 0	■ 1	■ <1	---
Potassium	ppm	■ 4	■ 3	■ 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 a trace of moisture present in the oil. The condition of the oil is acceptable for the time in service.

WEAR METALS

PQ		■ 15	■ 16	■ 35	---
Iron	ppm	■ 4	■ 9	■ 502	---
Copper	ppm	0	<1	5	---
Lead	ppm	0	0	0	---
Tin	ppm	0	<1	0	---
Aluminum	ppm	<1	<1	2	---
Chromium	ppm	■ 0	■ 0	■ 5	---
Molybdenum	ppm	■ 14	■ 12	■ 2	---
Nickel	ppm	■ 0	■ 0	■ 6	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	■ 0	■ 0	■ 2	---
Vanadium	ppm	0	0	0	---

ADDITIVES

Calcium	ppm	■ 2034	■ 1786	■ 4	---
Magnesium	ppm	■ 114	■ 93	■ 7	---
Zinc	ppm	■ 1189	■ 1054	■ 4	---
Phosphorus	ppm	■ 945	■ 900	■ 1306	---
Barium	ppm	■ 0	■ 0	■ 0	---
Boron	ppm	■ 144	■ 106	■ 335	---

Depot: VP680026
Unique No: 10806988
Signed: Jonathan Hester
Report Date: 29 Dec 2023

OIL ANALYSIS REPORT

VOLVO PENTA

GRAPHS

