

OIL ANALYSIS REPORT



JOSH SMITH 3818/PB55-14 VOLVO PENTA 3950002727 - PORT IPS

Sample No: VPA058349

Oil Type: VOLVO API GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA058349	VPA047224	VPA014518	---
Sample Date	25 Jun 2024	28 Aug 2023	27 May 2021	---
Machine Hours	1130	1096	755	---
Oil Hours	0	150	80	---
Oil Changed	Changed	Changed	N/A	---
Sample Status	ABNORMAL	NORMAL	NORMAL	---

GRAND BANKS

450 SW SALEM RD
STUART, FL
US 34994
Contact: ROBERT ANTONA
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OIL CONDITION

Visc @ 40°C	cSt	106	106	99.2	---
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CONTAMINATION

Water	%	0.218	NEG	NEG	---
Silicon	ppm	2	2	<1	---
Sodium	ppm	<1	0	2	---
Potassium	ppm	<1	<1	<1	---

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is a light concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

WEAR METALS

PQ		27	15	20	---
Iron	ppm	23	43	46	---
Copper	ppm	1	2	4	---
Lead	ppm	<1	0	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	10	0	0	---
Chromium	ppm	<1	0	<1	---
Molybdenum	ppm	<1	<1	<1	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	<1	0	<1	---
Silver	ppm	0	0	<1	---
Manganese	ppm	<1	<1	<1	---
Vanadium	ppm	0	0	0	---

ADDITIVES

Calcium	ppm	5	3	74	---
Magnesium	ppm	5	6	1	---
Zinc	ppm	8	4	10	---
Phosphorus	ppm	1308	1321	1341	---
Barium	ppm	0	0	0	---
Boron	ppm	368	321	324	---

Depot: VP531377
Unique No: 11111662
Signed: Angela Borella
Report Date: 08 Jul 2024

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**VOLVO
PENTA**

GRAPHS

