

OIL ANALYSIS REPORT



BLAKE LANTZ PATRICK/502824-7250 VOLVO PENTA 3940016268 - PORT IPS

Sample No: VPA059199
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA059199	VPA034049	JR0137651	---
Sample Date	12 Mar 2024	16 Aug 2022	09 Aug 2022	---
Machine Hours	759	0	6243	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Not Changd	Changed	---
Sample Status	NORMAL	ATTENTION	NORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	107	108	194	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	17	14	19	---
Sodium	ppm	4	37	0	---
Potassium	ppm	3	2	2	---

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 no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

WEAR METALS

PQ		19	20	17	---
Iron	ppm	39	184	29	---
Copper	ppm	9	10	0	---
Lead	ppm	0	<1	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	2	3	6	---
Chromium	ppm	<1	2	1	---
Molybdenum	ppm	<1	<1	2	---
Nickel	ppm	<1	2	0	---
Titanium	ppm	0	0	1	---
Silver	ppm	0	<1	<1	---
Manganese	ppm	2	2	<1	---
Vanadium	ppm	0	0	<1	---

ADDITIVES

Calcium	ppm	6	13	3912	---
Magnesium	ppm	12	9	20	---
Zinc	ppm	3	11	1088	---
Phosphorus	ppm	1222	1325	885	---
Barium	ppm	0	<1	1	---
Boron	ppm	298	299	5	---

Depot: VP794951
Unique No: 10928629
Signed: Sean Felton
Report Date: 19 Mar 2024

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**VOLVO
PENTA**

GRAPHS

