

OIL ANALYSIS REPORT



MARK LINTON SAM VOLVO PENTA 3940023988 - PORT IPS

Sample No: VPA053125
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA053125	VPA044796	VPA043238	---
Sample Date	09 May 2024	13 Dec 2022	23 Sep 2022	---
Machine Hours	352	282	270	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Not Changd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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OIL CONDITION

Visc @ 40°C	cSt	106	101	101	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	13	10	10	---
Sodium	ppm	5	2	3	---
Potassium	ppm	0	0	1	---

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		21	9	13	---
Iron	ppm	75	39	38	---
Copper	ppm	8	8	8	---
Lead	ppm	0	0	<1	---
Tin	ppm	<1	<1	<1	---
Aluminum	ppm	1	<1	1	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	<1	7	8	---
Nickel	ppm	<1	<1	<1	---
Titanium	ppm	0	<1	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	3	1	1	---
Vanadium	ppm	0	0	0	---

ADDITIVES

Calcium	ppm	21	111	115	---
Magnesium	ppm	27	108	116	---
Zinc	ppm	17	146	153	---
Phosphorus	ppm	1424	1212	1321	---
Barium	ppm	0	0	0	---
Boron	ppm	324	240	259	---

Depot: VP794951
Unique No: 11023547
Signed: Don Baldrige
Report Date: 15 May 2024

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**VOLVO
PENTA**

GRAPHS

