

OIL ANALYSIS REPORT

VOLVO PENTA

DAVID XUE GEOFF/502260 VOLVO PENTA 3950001709 - PORT IPS

Sample No: VPA049553

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA049553	VPA037050	---	---
Sample Date	09 Aug 2023	02 Feb 2022	---	---
Machine Hours	4	386	---	---
Oil Hours	0	129	---	---
Oil Changed	Not Changd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

Visc @ 40°C	cSt	107	103	---	---
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CONTAMINATION

Silicon	ppm	3	5	---	---
Sodium	ppm	<1	<1	---	---
Potassium	ppm	<1	0	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the component. The condition of the oil is acceptable for the time in service.

WEAR METALS

PQ		18	21	---	---
Iron	ppm	13	20	---	---
Copper	ppm	1	2	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	2	1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	5	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	3	10	---	---
Magnesium	ppm	4	6	---	---
Zinc	ppm	3	8	---	---
Phosphorus	ppm	1701	1366	---	---
Barium	ppm	2	0	---	---
Boron	ppm	445	322	---	---

Depot: VP794951
Unique No: 10603653
Signed: Don Baldrige
Report Date: 15 Aug 2023

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GRAPHS

