

OIL ANALYSIS REPORT

VOLVO PENTA

JAMES DAVIS 810911M VOLVO PENTA 3950005901 - PORT IPS

Sample No: VPA044828

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA044828	VPA044839	---	---
Sample Date	28 Jul 2023	11 Jan 2023	---	---
Machine Hours	174	146	---	---
Oil Hours	30	62	---	---
Oil Changed	N/A	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

OIL CONDITION

Visc @ 40°C	cSt	104	105	---	---
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CONTAMINATION

Silicon	ppm	<1	2	---	---
Sodium	ppm	0	2	---	---
Potassium	ppm	<1	2	---	---

WEAR METALS

PQ		10	4	---	---
Iron	ppm	4	10	---	---
Copper	ppm	0	3	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	0	<1	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	4	33	---	---
Magnesium	ppm	11	95	---	---
Zinc	ppm	0	4	---	---
Phosphorus	ppm	1350	1401	---	---
Barium	ppm	0	0	---	---
Boron	ppm	314	331	---	---

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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.

Depot: VP153549
Unique No: 10590774
Signed: Sean Felton
Report Date: 09 Aug 2023

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GRAPHS

