

OIL ANALYSIS REPORT

VOLVO PENTA

VOLVO PENTA 3194011449 - PORT IPS

Sample No: VPA058667

Oil Type: {unknown}

SAMPLE INFORMATION

Sample Number	VPA058667	VPA030241	---	---
Sample Date	29 Feb 2024	03 Feb 2020	---	---
Machine Hours	504	258	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	NORMAL	ABNORMAL	---	---

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OIL CONDITION

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

Water	%	NEG	▲ 0.532	---	---
Silicon	ppm	14	█ 21	---	---
Sodium	ppm	█ 5	█ 50	---	---
Potassium	ppm	█ 2	█ 3	---	---

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		█ 23	█ 20	---	---
Iron	ppm	█ 14	▲ 499	---	---
Copper	ppm	█ 3	█ 83	---	---
Lead	ppm	0	2	---	---
Tin	ppm	<1	2	---	---
Aluminum	ppm	8	█ 20	---	---
Chromium	ppm	█ <1	█ 3	---	---
Molybdenum	ppm	<1	3	---	---
Nickel	ppm	█ <1	█ 6	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	<1	12	---	---
Vanadium	ppm	0	<1	---	---

ADDITIVES

Calcium	ppm	9	49	---	---
Magnesium	ppm	2	22	---	---
Zinc	ppm	8	185	---	---
Phosphorus	ppm	1343	1399	---	---
Barium	ppm	15	0	---	---
Boron	ppm	298	197	---	---

Depot: VPJONMYA
Unique No: 10912439
Signed: Doug Bogart
Report Date: 06 Mar 2024

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GRAPHS

