

OIL ANALYSIS REPORT

VOLVO PENTA

DAVID KIDDER NEVER VOLVO PENTA 3940026792 - PORT IPS

Sample No: VPA021897

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA021897	VPA028573	---	---
Sample Date	19 Mar 2024	15 Feb 2021	---	---
Machine Hours	0	0	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Changd	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---

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F: x:

OIL CONDITION

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

Water	%	NEG	NEG	---	---
Silicon	ppm	13	9	---	---
Sodium	ppm	█ 6	█ 2	---	---
Potassium	ppm	█ 2	█ 9	---	---

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		█ 20	█ 21	---	---
Iron	ppm	█ 67	█ 23	---	---
Copper	ppm	7	3	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	2	<1	---	---
Chromium	ppm	█ 1	█ <1	---	---
Molybdenum	ppm	█ <1	█ <1	---	---
Nickel	ppm	█ 1	█ 2	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 2	█ 4	---	---
Vanadium	ppm	<1	0	---	---

ADDITIVES

Calcium	ppm	█ 13	█ 14	---	---
Magnesium	ppm	█ 8	152	---	---
Zinc	ppm	█ 11	█ 5	---	---
Phosphorus	ppm	█ 1214	█ 1289	---	---
Barium	ppm	█ 0	█ <1	---	---
Boron	ppm	█ 293	█ 310	---	---

Depot: VP288530

Unique No: 10938134

Signed: Don Baldrige

Report Date: 22 Mar 2024

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GRAPHS

