

OIL ANALYSIS REPORT

VOLVO PENTA

GEORGE RABATIM DANIEL/502779 VOLVO PENTA 3940028230 - PORT IPS

Sample No: VPA053196
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA053196	VPA045695	---	---
Sample Date	27 Mar 2024	13 Apr 2023	---	---
Machine Hours	642	423	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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OIL CONDITION

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

Water	%	NEG	NEG	---	---
Silicon	ppm	8	13	---	---
Sodium	ppm	<1	2	---	---
Potassium	ppm	4	7	---	---

Diagnosis

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

WEAR METALS

PQ		19	15	---	---
Iron	ppm	27	37	---	---
Copper	ppm	4	8	---	---
Lead	ppm	1	0	---	---
Tin	ppm	1	0	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	1	<1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	5	---	---
Vanadium	ppm	<1	0	---	---

ADDITIVES

Calcium	ppm	8	26	---	---
Magnesium	ppm	12	101	---	---
Zinc	ppm	<1	11	---	---
Phosphorus	ppm	1279	1377	---	---
Barium	ppm	0	0	---	---
Boron	ppm	314	328	---	---

Depot: VP794951
Unique No: 10954744
Signed: Jonathan Hester
Report Date: 04 Apr 2024

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GRAPHS

