

OIL ANALYSIS REPORT

VOLVO PENTA

PAUL WALSER JOSH VOLVO PENTA A1210025 - STERNDRIVE - CENTER GEARBOX

Sample No: VPA003945

Oil Type: VOLVO PENTA 10W40 SYN

SAMPLE INFORMATION

Sample Number	VPA003945	---	---	---
Sample Date	22 Sep 2023	---	---	---
Machine Hours	13	---	---	---
Oil Hours	13	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	■ 90.1	---	---	---
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CONTAMINATION

Silicon	ppm	▲ 68	---	---	---
Sodium	ppm	■ 3	---	---	---
Potassium	ppm	■ 10	---	---	---

WEAR METALS

PQ		■ 25	---	---	---
Iron	ppm	■ 21	---	---	---
Copper	ppm	■ 61	---	---	---
Lead	ppm	■ <1	---	---	---
Tin	ppm	■ <1	---	---	---
Aluminum	ppm	■ 4	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	41	---	---	---
Nickel	ppm	■ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	6	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	2604	---	---	---
Magnesium	ppm	42	---	---	---
Zinc	ppm	765	---	---	---
Phosphorus	ppm	682	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	13	---	---	---

The Boat Rack Inc

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SHERRILLS FORD, NC

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Contact: Rob Helms

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T:

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Diagnosis

No corrective action is recommended at this time. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. Elemental level of silicon (Si) above normal indicating ingress of seal material. The condition of the oil is acceptable for the time in service.

Depot: VP154485

Unique No: 10662637

Signed: Jonathan Hester

Report Date: 28 Sep 2023

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GRAPHS

