

OIL ANALYSIS REPORT

VOLVO PENTA

VOLVO PENTA 20354802 - INBOARD - PORT GEARBOX

Sample No: VPA055093
Oil Type: VOLVO 40WT

SAMPLE INFORMATION

Sample Number	VPA055093	---	---	---
Sample Date	10 Oct 2023	---	---	---
Machine Hours	497	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ATTENTION	---	---	---

OIL CONDITION

Visc @ 40°C	cSt	■ 77.87	---	---	---
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CONTAMINATION

Silicon	ppm	▲ 38	---	---	---
Sodium	ppm	■ 3	---	---	---
Potassium	ppm	■ 2	---	---	---

WEAR METALS

PQ		■ 23	---	---	---
Iron	ppm	■ 33	---	---	---
Copper	ppm	■ 113	---	---	---
Lead	ppm	■ 26	---	---	---
Tin	ppm	■ 4	---	---	---
Aluminum	ppm	■ 6	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	1	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	2974	---	---	---
Magnesium	ppm	122	---	---	---
Zinc	ppm	962	---	---	---
Phosphorus	ppm	851	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	24	---	---	---

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Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. All component wear rates are normal for OEM. 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: VP705283
Unique No: 10688201
Signed: Doug Bogart
Report Date: 11 Oct 2023

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GRAPHS

