

OIL ANALYSIS REPORT

VOLVO PENTA

3195001013 - PORT IPS

Sample No: VPA040973

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA040973	VPA040927	---	---
Sample Date	16 Dec 2023	04 Mar 2022	---	---
Machine Hours	2143	1700	---	---
Oil Hours	0	150	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

MITCHELL ADELSTEIN

742 ENFIELD ST
BOCA RATON, FL
US 33487

Contact: MITCHELL ADELSTEIN
MITCHELLEDEL@GMAIL.COM

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F:

OIL CONDITION

Visc @ 40°C	cSt	█ 103	█ 106	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	2	2	---	---
Sodium	ppm	█ 1	█ 2	---	---
Potassium	ppm	█ 0	█ 0	---	---

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		█ 18	█ 22	---	---
Iron	ppm	█ 63	█ 47	---	---
Copper	ppm	10	14	---	---
Lead	ppm	0	4	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	2	---	---
Chromium	ppm	█ 0	█ <1	---	---
Molybdenum	ppm	█ 0	█ <1	---	---
Nickel	ppm	█ 0	█ 0	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ <1	█ <1	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	█ 2	█ 4	---	---
Magnesium	ppm	█ 0	█ 0	---	---
Zinc	ppm	█ 6	█ 4	---	---
Phosphorus	ppm	█ 1416	█ 1301	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 275	█ 266	---	---

Depot: VPMITBOC
Unique No: 10804803
Signed: Sean Felton
Report Date: 27 Dec 2023

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GRAPHS

