

OIL ANALYSIS REPORT

VOLVO PENTA

3940017620 - CENTER IPS

Sample No: VPA060975

Oil Type: VOLVO 70W90

SAMPLE INFORMATION

Sample Number	VPA060975	---	---	---
Sample Date	24 Jan 2024	---	---	---
Machine Hours	640	---	---	---
Oil Hours	10	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

CHARLES KIEHL

9581 27TH BAY ST
NORFOLK, VA
US 23518

Contact: CHARLES KIEHL
cwkiehl@gmail.com

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OIL CONDITION

Visc @ 40°C	cSt	■ 106	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	11	---	---	---
Sodium	ppm	■ 7	---	---	---
Potassium	ppm	■ 6	---	---	---

Diagnosis

No corrective action is recommended at this time. 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		■ 24	---	---	---
Iron	ppm	■ 44	---	---	---
Copper	ppm	9	---	---	---
Lead	ppm	2	---	---	---
Tin	ppm	1	---	---	---
Aluminum	ppm	3	---	---	---
Chromium	ppm	■ 1	---	---	---
Molybdenum	ppm	1	---	---	---
Nickel	ppm	■ 1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	4	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	12	---	---	---
Magnesium	ppm	23	---	---	---
Zinc	ppm	19	---	---	---
Phosphorus	ppm	1510	---	---	---
Barium	ppm	1	---	---	---
Boron	ppm	323	---	---	---

Depot: VPCHANOR

Unique No: 10979091

Signed: Sean Felton

Report Date: 17 Apr 2024

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GRAPHS

