

OIL ANALYSIS REPORT

VOLVO PENTA

PAUL F FRUCHBOM VOLVO IPS-F 3940022327 - PORT IPS

Sample No: VPA056905

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number	VPA056905	---	---	---
Sample Date	29 Jun 2023	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

Harry's Marine Service LLC

1141 N. Citrus St.

Orange, CA

US 92887

Contact: TARAH AULD

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F:

OIL CONDITION

Visc @ 40°C	cSt	■ 106.0	---	---	---
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CONTAMINATION

Water	%	▲ 0.391	---	---	---
Silicon	ppm	■ 16	---	---	---
Sodium	ppm	■ 41	---	---	---
Potassium	ppm	■ 7	---	---	---

WEAR METALS

PQ		■ 21	---	---	---
Iron	ppm	▲ 289	---	---	---
Copper	ppm	■ 24	---	---	---
Lead	ppm	■ 4	---	---	---
Tin	ppm	■ 2	---	---	---
Aluminum	ppm	■ 12	---	---	---
Chromium	ppm	■ 2	---	---	---
Molybdenum	ppm	■ 2	---	---	---
Nickel	ppm	■ 4	---	---	---
Titanium	ppm	■ 0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	■ 10	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	■ 18	---	---	---
Magnesium	ppm	■ 21	---	---	---
Zinc	ppm	■ 28	---	---	---
Phosphorus	ppm	■ 1326	---	---	---
Barium	ppm	■ 0	---	---	---
Boron	ppm	■ 299	---	---	---

Diagnosis

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. Please note that this is a corrected copy for laboratory data update for water. Gear wear is indicated. There is a moderate concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: VP867279

Unique No: 10547651

Signed: Doug Bogart

Report Date: 07 Jul 2023

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GRAPHS

