

OIL ANALYSIS REPORT

VOLVO PENTA

PHIL PHIL VOLVO PENTA 3200004380 - PORT IPS

Sample No: VPA053772

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA053772	---	---	---
Sample Date	07 May 2024	---	---	---
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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T: (714)771-7899

F:

OIL CONDITION

Visc @ 40°C	cSt	■ 93.27	---	---	---
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CONTAMINATION

Water	%	▲ 0.241	---	---	---
Silicon	ppm	■ 13	---	---	---
Sodium	ppm	■ 8	---	---	---
Potassium	ppm	■ 15	---	---	---

WEAR METALS

PQ		■ 27	---	---	---
Iron	ppm	■ 74	---	---	---
Copper	ppm	■ 26	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	■ 4	---	---	---
Chromium	ppm	■ <1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	■ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	■ 5	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	■ 60	---	---	---
Magnesium	ppm	■ 1343	---	---	---
Zinc	ppm	■ 14	---	---	---
Phosphorus	ppm	■ 1993	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	■ 857	---	---	---

Diagnosis

We recommend that you drain the oil from the component if this has not already been done. Resample at the next service interval to monitor. All component wear rates are normal. There is a light concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: VP867279

Unique No: 11019157

Signed: Doug Bogart

Report Date: 10 May 2024

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GRAPHS

