

OIL ANALYSIS REPORT

VOLVO PENTA

VERHEEM VERHEEM VOLVO PENTA 3940016488 - PORT IPS

Sample No: VPA054868

Oil Type: {unknown}

SAMPLE INFORMATION

Sample Number	VPA054868	---	---	---
Sample Date	19 Apr 2024	---	---	---
Machine Hours	144	---	---	---
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	■ 102.9	---	---	---
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CONTAMINATION

Water	%	▲ 0.271	---	---	---
Silicon	ppm	■ 15	---	---	---
Sodium	ppm	■ 19	---	---	---
Potassium	ppm	■ 2	---	---	---

WEAR METALS

PQ		■ 40	---	---	---
Iron	ppm	■ 116	---	---	---
Copper	ppm	13	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	1	---	---	---
Chromium	ppm	■ 1	---	---	---
Molybdenum	ppm	2	---	---	---
Nickel	ppm	■ <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	6	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	19	---	---	---
Magnesium	ppm	81	---	---	---
Zinc	ppm	20	---	---	---
Phosphorus	ppm	1264	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	247	---	---	---

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. 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: 10991994

Signed: Doug Bogart

Report Date: 22 Apr 2024

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GRAPHS

