

OIL ANALYSIS REPORT

VOLVO PENTA

VRABECK VRABECK VOLVO PENTA 3940023886 - IPS

Sample No: VPA054992

Oil Type: {unknown}

SAMPLE INFORMATION

Sample Number	VPA054992	---	---	---
Sample Date	20 Jun 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

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	█ 113.7	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 11	---	---	---
Sodium	ppm	█ 6	---	---	---
Potassium	ppm	█ 2	---	---	---

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		█ 19	---	---	---
Iron	ppm	█ 96	---	---	---
Copper	ppm	█ 4	---	---	---
Lead	ppm	█ <1	---	---	---
Tin	ppm	█ <1	---	---	---
Aluminum	ppm	█ 3	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	█ <1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	5	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	0	---	---	---
Magnesium	ppm	4	---	---	---
Zinc	ppm	21	---	---	---
Phosphorus	ppm	531	---	---	---
Barium	ppm	1	---	---	---
Boron	ppm	25	---	---	---

Depot: VP867279

Unique No: 11098530

Signed: Doug Bogart

Report Date: 25 Jun 2024

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GRAPHS

