

OIL ANALYSIS REPORT

VOLVO PENTA

BANDERA BANDERA VOLVO PENTA 3940018017 - STARBOARD IPS

Sample No: VPA036836

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number	VPA036836	---	---	---
Sample Date	14 Aug 2023	---	---	---
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

info@harrismarine.com

T: (714)771-7899

F:

OIL CONDITION

Visc @ 40°C	cSt	█ 107.9	---	---	---
-------------	-----	---------	-----	-----	-----

CONTAMINATION

Silicon	ppm	█ 12	---	---	---
Sodium	ppm	█ 4	---	---	---
Potassium	ppm	█ 0	---	---	---

WEAR METALS

PQ		█ 15	---	---	---
Iron	ppm	█ 25	---	---	---
Copper	ppm	█ 1	---	---	---
Lead	ppm	█ 0	---	---	---
Tin	ppm	█ 0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	█ 0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	█ 0	---	---	---

ADDITIVES

Calcium	ppm	█ 3	---	---	---
Magnesium	ppm	█ 3	---	---	---
Zinc	ppm	█ 7	---	---	---
Phosphorus	ppm	█ 1559	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 356	---	---	---

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.

Depot: VP867279

Unique No: 10605169

Signed: Doug Bogart

Report Date: 15 Aug 2023

OIL ANALYSIS REPORT

VOLVO PENTA

GRAPHS

