

OIL ANALYSIS REPORT

VOLVO PENTA

HARDESTY HARDESTY VOLVO PENTA 3950005507 - STARBOARD IPS

Sample No: VPA055151

Oil Type: NOT GIVEN

SAMPLE INFORMATION

Sample Number	VPA055151	---	---	---
Sample Date	12 Jul 2023	---	---	---
Machine Hours	72	---	---	---
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@harrysmarine.com

T: (714)771-7899

F:

OIL CONDITION

Visc @ 40°C	cSt	█ 106.7	---	---	---
-------------	-----	---------	-----	-----	-----

CONTAMINATION

Silicon	ppm	2	---	---	---
Sodium	ppm	█ 2	---	---	---
Potassium	ppm	█ 4	---	---	---

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		█ 16	---	---	---
Iron	ppm	█ 12	---	---	---
Copper	ppm	4	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	█ <1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	█ 0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	█ 17	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	8	---	---	---
Magnesium	ppm	116	---	---	---
Zinc	ppm	6	---	---	---
Phosphorus	ppm	1393	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	320	---	---	---

Depot: VP867279

Unique No: 10559200

Signed: Doug Bogart

Report Date: 13 Jul 2023

OIL ANALYSIS REPORT

VOLVO PENTA

GRAPHS

