

OIL ANALYSIS REPORT

VOLVO PENTA

MURRAY VOLVO PENTA 3950007111 - STARBOARD IPS

Sample No: VPA058305
Oil Type: GEAR OIL LS 80W90

SAMPLE INFORMATION

Sample Number	VPA058305	---	---	---
Sample Date	23 Feb 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
info@harrysmarine.com
T: (714)771-7899
F:

OIL CONDITION

Visc @ 40°C	cSt	█ 111.4	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	11	---	---	---
Sodium	ppm	█ 2	---	---	---
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		█ 21	---	---	---
Iron	ppm	█ 12	---	---	---
Copper	ppm	2	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	█ 0	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	█ <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	7	---	---	---
Magnesium	ppm	32	---	---	---
Zinc	ppm	3	---	---	---
Phosphorus	ppm	1448	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	308	---	---	---

Depot: VP867279
Unique No: 10898857
Signed: Doug Bogart
Report Date: 26 Feb 2024

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GRAPHS

