

OIL ANALYSIS REPORT

VOLVO PENTA

MURRAY VOLVO PENTA 3950007118 - PORT IPS

Sample No: VPA059782

Oil Type: GEAR OIL LS 80W90

SAMPLE INFORMATION

Sample Number	VPA059782	---	---	---
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

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F:

OIL CONDITION

Visc @ 40°C	cSt	█ 111.9	---	---	---
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CONTAMINATION

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

WEAR METALS

PQ		█ 18	---	---	---
Iron	ppm	█ 11	---	---	---
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	8	---	---	---
Magnesium	ppm	█ 28	---	---	---
Zinc	ppm	<1	---	---	---
Phosphorus	ppm	1460	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 309	---	---	---

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: 10898858

Signed: Doug Bogart

Report Date: 26 Feb 2024

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GRAPHS

