

OIL ANALYSIS REPORT

VOLVO PENTA

VOLVO PENTA 3940019583 - PORT IPS

Sample No: VPA057362

Oil Type: GEAR OIL LS 80W90

SAMPLE INFORMATION

Sample Number	VPA057362	---	---	---
Sample Date	24 Jun 2024	---	---	---
Machine Hours	672	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

ALL SYSTEMS MARINE

3910 WEST NAVY BLVD

PENSACOLA, FL

US 32507

Contact: TRISTAN JOHNSON

allsystemsmarine@yahoo.com

T: (228)218-7963

F:

OIL CONDITION

Visc @ 40°C	cSt	█ 111	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	█ 3	---	---	---
Sodium	ppm	█ 3	---	---	---
Potassium	ppm	█ 2	---	---	---

Diagnosis

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 suitable for further service.

WEAR METALS

PQ		█ 21	---	---	---
Iron	ppm	█ 48	---	---	---
Copper	ppm	█ 11	---	---	---
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	█ 3	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	3	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 51	---	---	---
Phosphorus	ppm	1483	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 294	---	---	---

Depot: VP99220003

Unique No: 11102308

Signed: Angela Borella

Report Date: 01 Jul 2024

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GRAPHS

