

OIL ANALYSIS REPORT

VOLVO PENTA

CROSS CROSS SERVICE VOLVO PENTA 3950004234 - PORT IPS

Sample No: VPA057349

Oil Type: VOLVO API GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA057349	VPA044894	---	---
Sample Date	12 Mar 2024	08 Mar 2023	---	---
Machine Hours	570	489	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

Suncoast Diesel Marine Inc.

610 Mount Vernan St
OLDSMAR, FL
US 34677
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OIL CONDITION

Visc @ 40°C	cSt	█ 107.0	█ 106	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	2	1	---	---
Sodium	ppm	█ 8	█ 5	---	---
Potassium	ppm	█ <1	█ 0	---	---

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 acceptable for the time in service.

WEAR METALS

PQ		█ 17	█ 16	---	---
Iron	ppm	█ 67	█ 30	---	---
Copper	ppm	█ 13	6	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	2	1	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ 1	█ <1	---	---
Nickel	ppm	█ <1	█ 0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 3	█ 2	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	█ 29	█ 12	---	---
Magnesium	ppm	█ 31	█ 12	---	---
Zinc	ppm	█ 36	█ 16	---	---
Phosphorus	ppm	█ 1385	█ 1251	---	---
Barium	ppm	█ 0	█ 0	---	---
Boron	ppm	█ 302	█ 254	---	---

Depot: VP945077
Unique No: 10930175
Signed: Jonathan Hester
Report Date: 25 Mar 2024

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GRAPHS

