

OIL ANALYSIS REPORT

VOLVO PENTA

MURFEE LEE MURFEE VOLVO PENTA 3194005347 - PORT IPS

Sample No: VPA041208

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA041208	---	---	---
Sample Date	05 Sep 2023	---	---	---
Machine Hours	775	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

Suncoast Diesel Marine Inc.

610 Mount Vernan St

OLDSMAR, FL

US 34677

Contact: MARK WARREN

oldsmar@suncoastdmi.com

T: (813)475-5942

F: (813)475-5943

OIL CONDITION

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

Water	%	▲ 0.353	---	---	---
Silicon	ppm	12	---	---	---
Sodium	ppm	█ 11	---	---	---
Potassium	ppm	█ 3	---	---	---

WEAR METALS

PQ		█ 20	---	---	---
Iron	ppm	▲ 207	---	---	---
Copper	ppm	█ 22	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	1	---	---	---
Chromium	ppm	█ 1	---	---	---
Molybdenum	ppm	█ <1	---	---	---
Nickel	ppm	█ 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 3	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 13	---	---	---
Magnesium	ppm	█ 1	---	---	---
Zinc	ppm	█ 35	---	---	---
Phosphorus	ppm	█ 1407	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 285	---	---	---

Diagnosis

We advise that you check for the source of water entry. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. Gear wear is indicated. There is a moderate concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP945077

Unique No: 10644241

Signed: Jonathan Hester

Report Date: 18 Sep 2023

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PENTA**

GRAPHS

