

OIL ANALYSIS REPORT

VOLVO PENTA

DENNIS MADSEN SAM VOLVO PENTA 3940014131 - PORT IPS

Sample No: VPA060080

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA060080	VPA047470	---	---
Sample Date	27 Feb 2024	14 Mar 2022	---	---
Machine Hours	1254	1015	---	---
Oil Hours	105	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	ABNORMAL	---	---

Endor Marine LLC - Coastal Marine - 152124
4300 11th Ave. NW
SEATTLE, WA
US 98107
Contact: WILLOW YANARELLA
service@coastalmarineengine.com
T: (206)784-3703
F: (206)784-8823

OIL CONDITION

Visc @ 40°C	cSt	107	106	---	---
-------------	-----	------------	-----	-----	-----

CONTAMINATION

Water	%	NEG	0.740	---	---
Silicon	ppm	8	14	---	---
Sodium	ppm	2	6	---	---
Potassium	ppm	2	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		21	23	---	---
Iron	ppm	35	97	---	---
Copper	ppm	4	4	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	2	2	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	1	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	0	2	---	---
Magnesium	ppm	9	8	---	---
Zinc	ppm	2	7	---	---
Phosphorus	ppm	1295	1400	---	---
Barium	ppm	0	0	---	---
Boron	ppm	347	320	---	---

Depot: VP794951
Unique No: 10911244
Signed: Sean Felton
Report Date: 06 Mar 2024

OIL ANALYSIS REPORT

**VOLVO
PENTA**

GRAPHS

