

OIL ANALYSIS REPORT

VOLVO PENTA

CARLOS HYDE CMS VOLVO PENTA 3950001551 - PORT IPS

Sample No: VPA053330
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA053330	---	---	---
Sample Date	21 May 2024	---	---	---
Machine Hours	1107	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	SEVERE	---	---	---

CY MARINE LLC

3821 NW 135th ST, SUITE F
OPA LOCKA, FL
US 33054
Contact: CAMERON MEDINA
cymarinellc@gmail.com
T: (954)702-8096
F: x:

OIL CONDITION

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

CONTAMINATION

Water	%	▲ 0.202	---	---	---
Silicon	ppm	5	---	---	---
Sodium	ppm	█ 14	---	---	---
Potassium	ppm	█ <1	---	---	---

WEAR METALS

PQ		█ 29	---	---	---
Iron	ppm	▲ 477	---	---	---
Copper	ppm	█ 29	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	█ 11	---	---	---
Chromium	ppm	█ 3	---	---	---
Molybdenum	ppm	█ 0	---	---	---
Nickel	ppm	█ 1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	█ 4	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIVES

Calcium	ppm	█ 9	---	---	---
Magnesium	ppm	█ 0	---	---	---
Zinc	ppm	█ 54	---	---	---
Phosphorus	ppm	█ 1378	---	---	---
Barium	ppm	█ 0	---	---	---
Boron	ppm	█ 205	---	---	---

Diagnosis

We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Gear wear is indicated. There is a light concentration of water present in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: VPCYMPOM
Unique No: 11044748
Signed: Jonathan Hester
Report Date: 28 May 2024

OIL ANALYSIS REPORT



GRAPHS

