

OIL ANALYSIS REPORT

**VOLVO
PENTA**

PACIFIC NORTHWEST YACHT SAM VOLVO PENTA 3102221056 - STERNDRIVE - PORT GEARBOX

Sample No: VPA055615

Oil Type: GEAR OIL SAE 75W140

SAMPLE INFORMATION

Sample Number	VPA055615	---	---	---
Sample Date	20 Jul 2023	---	---	---
Machine Hours	882	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

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SEATTLE, WA
US 98107
Contact: WILLOW YANARELLA
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OIL CONDITION

Visc @ 40°C	cSt	147	---	---	---
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CONTAMINATION

Silicon	ppm	3	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	<1	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. 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		32	---	---	---
Iron	ppm	294	---	---	---
Copper	ppm	1	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	22	---	---	---
Chromium	ppm	3	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	7	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	3	---	---	---
Vanadium	ppm	<1	---	---	---

ADDITIVES

Calcium	ppm	4	---	---	---
Magnesium	ppm	528	---	---	---
Zinc	ppm	0	---	---	---
Phosphorus	ppm	1391	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	348	---	---	---

Depot: VP794951
Unique No: 10578233
Signed: Don Baldrige
Report Date: 01 Aug 2023

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GRAPHS

