

# OIL ANALYSIS REPORT

**VOLVO  
PENTA**

**GORDON HAYES R100-23014 F3940028990 - STARBOARD IPS**

**Sample No:** VPA041257

**Oil Type:** NOT GIVEN

## SAMPLE INFORMATION

Sample Number	VPA041257	---	---	---
Sample Date	13 Dec 2023	---	---	---
Machine Hours	6	---	---	---
Oil Hours	6	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

**CULLEN DIESEL POWER - 695335**

9300 192 ST

SURREY, BC

CA V4N 3R8

Contact: Michelle Sayers

mns@cullendiesel.com

T: (604)888-1211

F:

## OIL CONDITION

Visc @ 40°C	cSt	105	---	---	---
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## CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	3	---	---	---
Sodium	ppm	<1	---	---	---
Potassium	ppm	2	---	---	---

## WEAR METALS

PQ		0	---	---	---
Iron	ppm	10	---	---	---
Copper	ppm	2	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	0	---	---	---
Molybdenum	ppm	2	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---

## ADDITIVES

Calcium	ppm	45	---	---	---
Magnesium	ppm	56	---	---	---
Zinc	ppm	48	---	---	---
Phosphorus	ppm	1397	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	271	---	---	---

## Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within SAE 75W90 range, advise investigate. The condition of the oil is acceptable for the time in service.

**Depot:** CULSUR

**Unique No:** 5697788

**Signed:** Kevin Marson

**Report Date:** 21 Dec 2023

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## GRAPHS

