

OIL ANALYSIS REPORT



HOWLEY 533755 VOLVO PENTA 3200000513 - CENTER IPS

Sample No: VPA043277
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA043277	VPA037867	---	---
Sample Date	12 Dec 2023	21 Jan 2022	---	---
Machine Hours	634	392	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Changd	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---

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 3131 SW 2Nd Ave.
 FORT LAUDERDALE, FL
 US 33315
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 F:

OIL CONDITION

Visc @ 40°C	cSt	105	110	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	<1	<1	---	---
Sodium	ppm	0	0	---	---
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	16	---	---
Iron	ppm	27	30	---	---
Copper	ppm	4	4	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	3	<1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	4	33	---	---
Magnesium	ppm	1	2	---	---
Zinc	ppm	1	0	---	---
Phosphorus	ppm	1407	1405	---	---
Barium	ppm	8	0	---	---
Boron	ppm	333	329	---	---

Depot: VP426065
Unique No: 10794861
Signed: Angela Borella
Report Date: 21 Dec 2023

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**VOLVO
PENTA**

GRAPHS

