

# OIL ANALYSIS REPORT



## BARDIN VOLVO PENTA 320002547 (S/N 3200002547) - CENTER IPS

Sample No: VPA054171  
Oil Type: GEAR OIL SAE 75W90

### SAMPLE INFORMATION

Sample Number	VPA054171	VPA041188	---	---
Sample Date	08 May 2024	05 Dec 2022	---	---
Machine Hours	0	327	---	---
Oil Hours	0	200	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

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### OIL CONDITION

Visc @ 40°C	cSt	87.2	107	---	---
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### CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	2	2	---	---
Sodium	ppm	5	5	---	---
Potassium	ppm	3	0	---	---

### Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal for OEM. 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		20	14	---	---
Iron	ppm	102	133	---	---
Copper	ppm	16	20	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	2	3	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	1	3	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	4	---	---
Vanadium	ppm	0	0	---	---

### ADDITIVES

Calcium	ppm	6	15	---	---
Magnesium	ppm	4	17	---	---
Zinc	ppm	4	12	---	---
Phosphorus	ppm	399	1352	---	---
Barium	ppm	0	0	---	---
Boron	ppm	37	316	---	---

Depot: VP1298996  
Unique No: 11062646  
Signed: Doug Bogart  
Report Date: 09 Jun 2024

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**VOLVO  
PENTA**

## GRAPHS

