

OIL ANALYSIS REPORT



BARDIN VOLVO PENTA 320002544 (S/N 3200002544) - PORT IPS

Sample No: VPA054166
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA054166	VPA041213	---	---
Sample Date	08 May 2024	05 Dec 2022	---	---
Machine Hours	0	327	---	---
Oil Hours	0	200	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

FULL KEEL MARINE SERVICES
 314 LEGION AVE
 ANNAPOLIS, MD
 US 21401
 Contact: Service Manager
 FULLKEELMARINESERIVES@GMAIL.COM
 T: (410)507-3542
 F:

OIL CONDITION

Visc @ 40°C	cSt	92.9	102	---	---
-------------	-----	------	-----	-----	-----

CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	2	2	---	---
Sodium	ppm	3	4	---	---
Potassium	ppm	4	<1	---	---

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		17	17	---	---
Iron	ppm	59	102	---	---
Copper	ppm	20	21	---	---
Lead	ppm	1	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	2	5	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	2	<1	---	---
Nickel	ppm	1	2	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	3	---	---
Vanadium	ppm	0	0	---	---

ADDITIVES

Calcium	ppm	48	8	---	---
Magnesium	ppm	11	75	---	---
Zinc	ppm	24	9	---	---
Phosphorus	ppm	465	1348	---	---
Barium	ppm	0	0	---	---
Boron	ppm	44	286	---	---

Depot: VP1298996
Unique No: 11062645
Signed: Doug Bogart
Report Date: 09 Jun 2024

OIL ANALYSIS REPORT

VOLVO PENTA

GRAPHS

