

OIL ANALYSIS REPORT



BILL YATES 506053 VOLVO PENTA 3950002004 - PORT IPS

Sample No: VPA048807
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA048807	VPA035464	VPA031686	---
Sample Date	15 Mar 2024	03 Feb 2022	03 Nov 2020	---
Machine Hours	192	174	159	---
Oil Hours	26	0	32	---
Oil Changed	Changed	Changed	Not Changd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

Jefferson Beach Yacht Sales Inc
 24400 Jefferson Ave.
 SAINT CLAIR SHORES, MI
 US 48080
 Contact: DENNIS BUTT
 dbutt@jbys.com
 T: (866)490-5297
 F:

OIL CONDITION

Visc @ 40°C	cSt	106	106	106	---
-------------	-----	------------	-----	-----	-----

CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	3	1	3	---
Sodium	ppm	<1	<1	0	---
Potassium	ppm	1	0	<1	---

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		16	17	27	---
Iron	ppm	14	10	19	---
Copper	ppm	4	3	2	---
Lead	ppm	<1	<1	<1	---
Tin	ppm	<1	<1	0	---
Aluminum	ppm	2	<1	0	---
Chromium	ppm	<1	0	<1	---
Molybdenum	ppm	<1	0	<1	---
Nickel	ppm	<1	0	0	---
Titanium	ppm	<1	0	0	---
Silver	ppm	0	0	<1	---
Manganese	ppm	1	<1	<1	---
Vanadium	ppm	<1	0	0	---

ADDITIVES

Calcium	ppm	11	8	10	---
Magnesium	ppm	8	7	5	---
Zinc	ppm	2	0	0	---
Phosphorus	ppm	1213	1495	1363	---
Barium	ppm	0	0	0	---
Boron	ppm	311	335	344	---

Depot: VP297371
Unique No: 10938140
Signed: Don Baldrige
Report Date: 22 Mar 2024

OIL ANALYSIS REPORT



GRAPHS

