

OIL ANALYSIS REPORT



TONY ELLUL 506071 VOLVO PENTA 3194001063 - PORT IPS

Sample No: VPA048790

Oil Type: VOLVO PREMIUM GEAR OIL 80W-90 GL-5

SAMPLE INFORMATION

Sample Number	VPA048790	VPA048053	VPA040870	---
Sample Date	13 Mar 2024	12 Jan 2023	03 May 2022	---
Machine Hours	1198	1231	1180	---
Oil Hours	0	51	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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

OIL CONDITION

Visc @ 40°C	cSt	117	110	109	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	9	9	4	---
Sodium	ppm	0	2	1	---
Potassium	ppm	0	<1	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		16	8	17	---
Iron	ppm	12	38	22	---
Copper	ppm	2	5	3	---
Lead	ppm	0	0	0	---
Tin	ppm	0	<1	0	---
Aluminum	ppm	0	4	2	---
Chromium	ppm	0	<1	<1	---
Molybdenum	ppm	0	<1	2	---
Nickel	ppm	0	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	<1	---
Manganese	ppm	0	<1	<1	---
Vanadium	ppm	0	0	0	---

ADDITIVES

Calcium	ppm	7	7	6	---
Magnesium	ppm	0	<1	0	---
Zinc	ppm	6	23	0	---
Phosphorus	ppm	1189	1357	1305	---
Barium	ppm	0	0	0	---
Boron	ppm	279	305	309	---

Depot: VP297371
Unique No: 10929989
Signed: Don Baldrige
Report Date: 20 Mar 2024

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**VOLVO
PENTA**

GRAPHS

