

OIL ANALYSIS REPORT

VOLVO PENTA

WINDSERVE JOURNEY VOLVO PENTA 3950010399 - INBOARD 2 - PORT IPS

Sample No: VPA057205

Oil Type: VOLVO PENTA GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA057205	VPA051627	VPA057220	---
Sample Date	10 May 2024	08 Apr 2024	21 Mar 2024	---
Machine Hours	832	481	360	---
Oil Hours	832	481	0	---
Oil Changed	Changed	N/A	N/A	---
Sample Status	NORMAL	NORMAL	NORMAL	---

WINDSERVE MARINE

10 MACNAUGHT ST
NORTH KINGSTOWN, RI
US 02852
Contact: Ryan Linn
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T:
F:

OIL CONDITION

Visc @ 40°C	cSt	█ 100	█ 98.7	█ 98.8	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	5	8	7	---
Sodium	ppm	█ 2	█ 4	█ 4	---
Potassium	ppm	█ 4	█ 7	█ 4	---

WEAR METALS

PQ		█ 18	█ 21	█ 27	---
Iron	ppm	█ 48	█ 64	█ 59	---
Copper	ppm	3	6	5	---
Lead	ppm	0	1	0	---
Tin	ppm	<1	1	0	---
Aluminum	ppm	1	2	<1	---
Chromium	ppm	█ 0	█ 1	█ 0	---
Molybdenum	ppm	█ 0	█ 1	0	---
Nickel	ppm	█ 0	█ 2	█ 0	---
Titanium	ppm	0	<1	0	---
Silver	ppm	0	<1	0	---
Manganese	ppm	█ 3	█ 6	5	---
Vanadium	ppm	0	<1	0	---

ADDITIVES

Calcium	ppm	17	█ 40	41	---
Magnesium	ppm	█ 432	805	940	---
Zinc	ppm	█ 3	█ 18	13	---
Phosphorus	ppm	█ 1576	█ 1675	1808	---
Barium	ppm	█ 0	█ 0	0	---
Boron	ppm	█ 470	█ 620	594	---

Diagnosis

No corrective action is recommended at this time. 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.

Depot: VPSENNOR
Unique No: 11044755
Signed: Sean Felton
Report Date: 24 May 2024

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GRAPHS

