

OIL ANALYSIS REPORT

VOLVO PENTA

VOLVO PENTA 3950007703 - PORT IPS

Sample No: VPA058367

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA058367	VPA039499	---	---
Sample Date	07 Jul 2024	18 Jan 2022	---	---
Machine Hours	0	110	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---

Outstanding Marine

PO Box 274
GALENA, MD
US 21635
Contact: Ronda Bolinger
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T:
F:

OIL CONDITION

Visc @ 40°C	cSt	█ 104	█ 97.7	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	█ 2	8	---	---
Sodium	ppm	█ 3	5	---	---
Potassium	ppm	█ <1	6	---	---

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		█ 17	█ 19	---	---
Iron	ppm	█ 45	█ 30	---	---
Copper	ppm	█ 3	4	---	---
Lead	ppm	█ 0	0	---	---
Tin	ppm	█ 0	<1	---	---
Aluminum	ppm	█ 1	2	---	---
Chromium	ppm	█ <1	█ <1	---	---
Molybdenum	ppm	█ <1	<1	---	---
Nickel	ppm	█ <1	█ 0	---	---
Titanium	ppm	█ 0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	█ 2	5	---	---
Vanadium	ppm	<1	0	---	---

ADDITIVES

Calcium	ppm	█ 7	37	---	---
Magnesium	ppm	█ 40	1075	---	---
Zinc	ppm	█ 2	0	---	---
Phosphorus	ppm	█ 1475	1790	---	---
Barium	ppm	█ 0	0	---	---
Boron	ppm	█ 340	610	---	---

Depot: VP153685
Unique No: 11112479
Signed: Don Baldrige
Report Date: 08 Jul 2024

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GRAPHS

