

OIL ANALYSIS REPORT

VOLVO PENTA

CROSS CROSS SERVICE VOLVO PENTA 3950004235 - STARBOARD IPS

Sample No: VPA057348
Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA057348	VPA041235	VPA025488	---
Sample Date	12 Mar 2024	08 Mar 2023	05 Jun 2020	---
Machine Hours	570	488	233	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Not Changd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

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 610 Mount Vernan St
 OLDSMAR, FL
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OIL CONDITION

Visc @ 40°C	cSt	109	107	106	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	2	2	12	---
Sodium	ppm	<1	1	<1	---
Potassium	ppm	1	0	11	---

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.

WEAR METALS

PQ		15	14	20	---
Iron	ppm	22	21	9	---
Copper	ppm	4	4	2	---
Lead	ppm	<1	0	<1	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	2	<1	<1	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	<1	<1	<1	---
Nickel	ppm	<1	0	<1	---
Titanium	ppm	<1	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	<1	<1	---
Vanadium	ppm	0	0	0	---

ADDITIVES

Calcium	ppm	13	7	4	---
Magnesium	ppm	4	9	28	---
Zinc	ppm	7	9	3	---
Phosphorus	ppm	1265	1254	1306	---
Barium	ppm	0	0	0	---
Boron	ppm	284	270	291	---

Depot: VP945077
Unique No: 10935918
Signed: Sean Felton
Report Date: 21 Mar 2024

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GRAPHS

