

OIL ANALYSIS REPORT

VOLVO PENTA

BRIAN FINN PB55 19 VOLVO PENTA 3950002844 - STARBOARD IPS

Sample No: VPA051931

Oil Type: VOLVO API GL-5 SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA051931	VPA041404	VPA041392	---
Sample Date	21 Sep 2023	22 Mar 2023	20 Jan 2023	---
Machine Hours	1338	1200	1148	---
Oil Hours	150	50	10	---
Oil Changed	Changed	Not Changd	Changed	---
Sample Status	ATTENTION	NORMAL	NORMAL	---

OIL CONDITION

Visc @ 40°C	cSt	104	104	106	---
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CONTAMINATION

Silicon	ppm	3	3	1	---
Sodium	ppm	26	1	3	---
Potassium	ppm	0	1	<1	---

WEAR METALS

PQ		23	14	14	---
Iron	ppm	219	55	43	---
Copper	ppm	16	5	3	---
Lead	ppm	0	0	0	---
Tin	ppm	<1	0	<1	---
Aluminum	ppm	6	1	1	---
Chromium	ppm	2	<1	<1	---
Molybdenum	ppm	1	<1	<1	---
Nickel	ppm	1	<1	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	<1	---
Manganese	ppm	4	<1	<1	---
Vanadium	ppm	0	0	0	---

ADDITIVES

Calcium	ppm	12	8	9	---
Magnesium	ppm	8	4	3	---
Zinc	ppm	11	8	10	---
Phosphorus	ppm	1470	1356	1306	---
Barium	ppm	0	0	2	---
Boron	ppm	359	338	293	---

GRAND BANKS

450 SW SALEM RD

STUART, FL

US 34994

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F:

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: VP531377

Unique No: 10661289

Signed: Don Baldrige

Report Date: 26 Sep 2023

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GRAPHS

