

OIL ANALYSIS REPORT

VOLVO PENTA

BRIAN TEDESCHI 533225 VOLVO PENTA 3940017481 - STARBOARD IPS

Sample No: VPA056870

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number	VPA056870	VPA025422	VPA013348	---
Sample Date	31 Oct 2023	21 Oct 2021	17 Jan 2017	---
Machine Hours	2055	0	509	---
Oil Hours	0	151	0	---
Oil Changed	N/A	Not Changd	Not Changd	---
Sample Status	ABNORMAL	ATTENTION	ATTENTION	---

Jas Marine Service Inc
3131 SW 2Nd Ave.
FORT LAUDERDALE, FL
US 33315
Contact: JASON TOLEDO
jason@jasmarine.com
T: (954)462-1112
F:

OIL CONDITION

Visc @ 40°C	cSt	102	106	101.5	---
-------------	-----	------------	-----	-------	-----

CONTAMINATION

Silicon	ppm	19	13	35	---
Sodium	ppm	13	56	9	---
Potassium	ppm	5	2	2	---

WEAR METALS

PQ		32	34	24	---
Iron	ppm	350	303	184	---
Copper	ppm	25	17	18	---
Lead	ppm	0	<1	0	---
Tin	ppm	0	<1	<1	---
Aluminum	ppm	7	8	1	---
Chromium	ppm	2	2	1	---
Molybdenum	ppm	<1	<1	0	---
Nickel	ppm	3	4	2	---
Titanium	ppm	0	<1	0	---
Silver	ppm	0	<1	0	---
Manganese	ppm	7	3	5	---
Vanadium	ppm	0	0	<1	---

ADDITIVES

Calcium	ppm	13	10	21	---
Magnesium	ppm	17	11	93	---
Zinc	ppm	33	15	13	---
Phosphorus	ppm	1239	1395	1397	---
Barium	ppm	<1	0	<1	---
Boron	ppm	261	337	170	---

Diagnosis

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 component. The condition of the oil is acceptable for the time in service.

Depot: VP426065
Unique No: 10724773
Signed: Sean Felton
Report Date: 03 Nov 2023

OIL ANALYSIS REPORT

**VOLVO
PENTA**

GRAPHS

